

# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

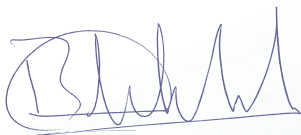
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 21 September 2026.

Certificate number: 31-90001-001 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMSxxxM-60, JKMSxxxM-60-J, JKMSxxxM-60-MX3, JKMSxxxM-60B-MX-V, JKMSxxxM-60B-MX3, JKMSxxxM-60B-TI, JKMSxxxM-60B-V-MX3, JKMSxxxM-60B-V-TI, JKMSxxxM-60BL-MX3, JKMSxxxM-60BL-TI, JKMSxxxM-60BL-V-MX3, JKMSxxxM-60BL-V-TI, JKMSxxxM-60H-MBB-TI, JKMSxxxM-60H-MBB-V-MX3, JKMSxxxM-60H-MBB-V-TI, JKMSxxxM-60H-MX3, JKMSxxxM-60H-TI, JKMSxxxM-60H-V-MX3, JKMSxxxM-60HB-MX3, JKMSxxxM-60HB-TI, JKMSxxxM-60HB-V-MX3, JKMSxxxM-60HBL-MX3, JKMSxxxM-60HBL-MX3-Q, JKMSxxxM-60HBL-TI, JKMSxxxM-60HBL-TI-Q, JKMSxxxM-60HBL-V-MX3, JKMSxxxM-60HL-MX3, JKMSxxxM-60HL-MX3-Q, JKMSxxxM-60HL-TI, JKMSxxxM-60HL-TI-Q, JKMSxxxM-60HL-V-MX3, JKMSxxxM-60HL-V-MX3-Q, JKMSxxxM-60HL-V-TI-Q, JKMSxxxM-60HLM-B-MX3, JKMSxxxM-60HLM-B-V-MX3, JKMSxxxM-60HLM-MX3, JKMSxxxM-60HLM-V-MX3, JKMSxxxM-60L-MX3, JKMSxxxM-60L-TI, JKMSxxxM-60L-V-MX3 and JKMSxxxM-60L-V-TI

**Product data – type JKMSxxxM-60**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60BL-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60BL-TI**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60BL-V-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60BL-V-TI**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60B-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60B-MX-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-350, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60B-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60HBL-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HBL-MX3-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HBL-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HBL-TI-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HBL-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HB-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HLM-B-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=350-370, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HLM-B-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=350-370, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HLM-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=350-385, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HLM-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=350-385, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HL-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HL-MX3-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HL-TI**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HL-TI-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HL-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HL-V-MX3-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HL-V-TI-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60H-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60H-MBB-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60H-MBB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60H-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60H-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60H-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340 with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60L-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60L-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60L-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60L-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-001 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung  
Commune  
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China


VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China



Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

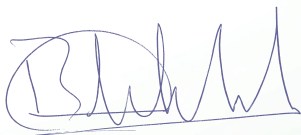
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The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 21 September 2026.

Certificate number: 31-90001-002 REV.6

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMSxxxM-60-MX-V, JKMSxxxM-60-TI, JKMSxxxM-60-V, JKMSxxxM-60-V-J, JKMSxxxM-60-V-MX3, JKMSxxxM-60-V-TI, JKMSxxxM-66H-MBB-MX3, JKMSxxxM-66H-MBB-V-MX3, JKMSxxxM-66H-TI, JKMSxxxM-66H-V-TI, JKMSxxxM-66HB-TI, JKMSxxxM-66HB-V-TI, JKMSxxxM-6RL3-B-TI, JKMSxxxM-6RL3-TI, JKMSxxxM-6RL3-V-TI, JKMSxxxM-6TL3-TI, JKMSxxxM-6TL3-V-TI, JKMSxxxM-72, JKMSxxxM-72B-MX3, JKMSxxxM-72B-TI, JKMSxxxM-72B-V-MX3, JKMSxxxM-72B-V-TI, JKMSxxxM-72BL-MX3, JKMSxxxM-72BL-TI, JKMSxxxM-72BL-V-MX3, JKMSxxxM-72BL-V-TI, JKMSxxxM-72HB-MX3, JKMSxxxM-72HB-TI, JKMSxxxM-72HB-V-MX3, JKMSxxxM-72HBL-MX3-Q, JKMSxxxM-72HBL-TI, JKMSxxxM-72HBL-TI-Q, JKMSxxxM-72HBL-V-MX3, JKMSxxxM-72HL-MX3, JKMSxxxM-72HL-MX3-Q, JKMSxxxM-72HL-TI, JKMSxxxM-72HLM-B-MX3, JKMSxxxM-72HLM-B-V-MX3, JKMSxxxM-72HLM-MX3 and JKMSxxxM-72HLM-V-MX3

**Product data – type JKMSxxxM-60-MX-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=210-350, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60-TI**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60-V-J**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60-V-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-60-V-TI**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V

Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-66HB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-66HB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-365, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-66H-MBB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-66H-MBB-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-390, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-66H-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-66H-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-390, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-6RL3-B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-6RL3-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-6RL3-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-415, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-6TL3-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-380, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-6TL3-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-380, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-72**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72BL-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72BL-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72BL-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72BL-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72B-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72B-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72HBL-MX3-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HBL-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HBL-TI-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HBL-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HB-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HLM-B-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=415-445, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HLM-B-V-MX3**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=415-445, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HLM-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=420-465, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HLM-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-480, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HL-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HL-MX3-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HL-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-002 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia



Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung  
Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

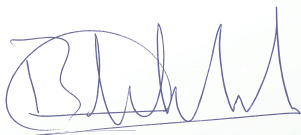
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 23 September 2026.

Certificate number: 31-90001-003 REV.6

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMSxxxM-72-J, JKMSxxxM-72-MX3, JKMSxxxM-72-TI, JKMSxxxM-72-V, JKMSxxxM-72-V-J, JKMSxxxM-72-V-MX3, JKMSxxxM-72-V-TI, JKMSxxxM-72H-MBB-MX3, JKMSxxxM-72H-MBB-TI, JKMSxxxM-72H-MBB-V-MX3, JKMSxxxM-72H-MBB-V-TI, JKMSxxxM-72H-MX3, JKMSxxxM-72H-TI, JKMSxxxM-72H-V-MX3, JKMSxxxM-72HL-TI-Q, JKMSxxxM-72HL-V-MX3, JKMSxxxM-72HL-V-MX3-Q, JKMSxxxM-72HL-V-TI-Q, JKMSxxxM-72L-MX3, JKMSxxxM-72L-TI, JKMSxxxM-72L-V-MX3, JKMSxxxM-72L-V-TI, JKMSxxxM-78H-MBB-MX3, JKMSxxxM-78H-MBB-V-MX3, JKMSxxxM-78H-TI, JKMSxxxM-78H-V-TI, JKMSxxxM-78H-V-TI-Q, JKMSxxxM-78HB-TI, JKMSxxxM-78HB-V-TI, JKMSxxxM-7RL3-TI, JKMSxxxM-7RL3-V-TI, JKMSxxxN-60H-MBB-B-TI, JKMSxxxN-60H-MBB-B-V-TI, JKMSxxxN-60H-MBB-TI, JKMSxxxN-60H-MBB-V-TI, JKMSxxxN-6RL3-B-TI, JKMSxxxN-6RL3-B-V-TI, JKMSxxxN-6RL3-TI, JKMSxxxN-6RL3-V-TI, JKMSxxxN-6TL3-B-TI, JKMSxxxN-6TL3-B-V-TI, JKMSxxxN-6TL3-TI, JKMSxxxN-6TL3-V-TI and JKMSxxxN-72H-MBB-B-TI

**Product data – type JKMSxxxM-72HL-TI-Q**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HL-V-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HL-V-MX3-Q**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HL-V-TI-Q**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=335-425, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72H-MBB-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72H-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72H-MBB-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72H-MBB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72H-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72H-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72H-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72L-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72L-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72L-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72L-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-78HB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-435, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxM-78HB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-435, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxM-78H-MBB-MX3**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=440-465, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxM-78H-MBB-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=440-465, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxM-78H-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-465, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxM-78H-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxM-78H-V-TI-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxM-7RL3-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-495, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxM-7RL3-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-495, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxN-60H-MBB-B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-330, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxN-60H-MBB-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-330, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxN-60H-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxN-60H-MBB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-350, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxN-6RL3-B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-425, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxN-6RL3-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxN-6RL3-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-420, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxN-6RL3-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-420, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxN-6TL3-B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-385, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxN-6TL3-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxN-6TL3-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-390, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxN-6TL3-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-390, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxN-72H-MBB-B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=380-400, with increments of 5W, 144 half-cut cells



## TESTS

### Test requirements

IEC 62716:2013  
EN 62716:2013

### Test result

The test results are laid down in DEKRA test file 610696400.

### Additional information

This certificate replaces certificate No. 31-90001-003 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

### Conclusion

The examination proved that all requirements were met.

### Factory locations

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
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314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

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Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
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Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
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4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
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Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

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No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
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Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

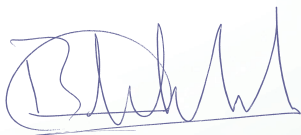
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 23 September 2026.

Certificate number: 31-90001-004 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : JKMSxxxN-72H-MBB-TI, JKMSxxxN-72H-MBB-V-TI, JKMSxxxN-7RL3-B-TI, JKMSxxxN-7RL3-TI, JKMSxxxN-7RL3-V-TI, JKMSxxxPP-60, JKMSxxxPP-60(Plus)-J4, JKMSxxxPP-60B-MX3, JKMSxxxPP-60B-V-MX3, JKMSxxxPP-60BL-MX3, JKMSxxxPP-60BL-V-MX3, JKMSxxxPP-60H-MX3, JKMSxxxPP-60H-V-MX3, JKMSxxxPP-60HB-MX3, JKMSxxxPP-60HB-V-MX3, JKMSxxxPP-60HBL-MX3, JKMSxxxPP-60HBL-V-MX3, JKMSxxxPP-60HL-MX3 and JKMSxxxPP-60HL-V-MX3

**Product data – type JKMSxxxN-72H-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxN-72H-MBB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxN-7RL3-B-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxN-7RL3-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-500, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxN-7RL3-V-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-500, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxPP-60**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60(Plus)-J4**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=210-325, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60BL-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60BL-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60B-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60B-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60HBL-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60HBL-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60HB-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60HB-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60HL-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60HL-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V

Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60H-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60H-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-004 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China


VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia



Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Solar*  
**Jinko**  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

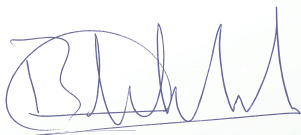
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 24 September 2026.

Certificate number: 31-90001-005 REV.6

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : JKMSxxxPP-60-J, JKMSxxxPP-60-MX3, JKMSxxxPP-60-V, JKMSxxxPP-60-V-J, JKMSxxxPP-60-V-MX3, JKMSxxxPP-60L-MX3, JKMSxxxPP-60L-V-MX3, JKMSxxxPP-72, JKMSxxxPP-72-J, JKMSxxxPP-72-MX3, JKMSxxxPP-72B-MX3, JKMSxxxPP-72B-V-MX3, JKMSxxxPP-72BL-MX3, JKMSxxxPP-72BL-V-MX3, JKMSxxxPP-72H-V-MX3, JKMSxxxPP-72HB-MX3, JKMSxxxPP-72HB-V-MX3, JKMSxxxPP-72HBL-MX3, JKMSxxxPP-72HBL-V-MX3, JKMSxxxPP-72HL-MX3, JKMSxxxPP-72HL-V-MX3, JKMSxxxPP-72L-MX3 and JKMSxxxPP-72L-V-MX3

**Product data – type JKMSxxxPP-60-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60L-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60L-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60-V-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-60-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-72**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72BL-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72BL-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72B-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72B-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72HBL-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HBL-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HB-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HB-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HL-MX3**

Design : PV module with poly c-Si cells

Maximum System voltage : 1000V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HL-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72H-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72L-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72L-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=250-390, with increments of 5W, 72 cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-005 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung  
Commune  
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China


VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China



Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

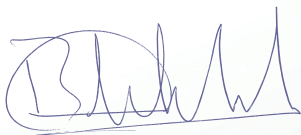
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 24 September 2026.

Certificate number: 31-90001-006 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : JKMSxxxPP-72-V, JKMSxxxPP-72-V-J, JKMSxxxPP-72-V-MX3, JKMxxxM-36H, JKMxxxM-54HL4, JKMxxxM-54HL4-B, JKMxxxM-54HL4-B-V, JKMxxxM-54HL4-TV, JKMxxxM-54HL4-V, JKMxxxM-5RL4, JKMxxxM-5RL4-B, JKMxxxM-5RL4-B-V, JKMxxxM-5RL4-TV, JKMxxxM-5RL4-V, JKMxxxM-60, JKMxxxM-60(Plus), JKMxxxM-60(Plus)-V, JKMxxxM-60B, JKMxxxM-60B-V, JKMxxxM-60BL, JKMxxxM-60BL-V, JKMxxxM-60H, JKMxxxM-60HB, JKMxxxM-60HB-V, JKMxxxM-60HBL, JKMxxxM-60HBL-Q, JKMxxxM-60HBL-V, JKMxxxM-60HL, JKMxxxM-60HL-Q, JKMxxxM-60HL-T, JKMxxxM-60HL-T-Q, JKMxxxM-60HL-TV, JKMxxxM-60HL-TV-Q, JKMxxxM-60HL-V, JKMxxxM-60HL4, JKMxxxM-60HL4-B, JKMxxxM-60HL4-B-V, JKMxxxM-60HL4-TV, JKMxxxM-60HL4-V, JKMxxxM-60HLM, JKMxxxM-60HLM-B, JKMxxxM-60HLM-B-V, JKMxxxM-60HLM-TV and JKMxxxM-60HLM-V

**Product data – type JKMSxxxPP-72-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72-V-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72-V-MX3**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMxxxM-36H**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=195-205, with increments of 5W, 72 half-cut cells

**Product data – type JKMxxxM-54HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-420, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-54HL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=380-405, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-54HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=380-400, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-54HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-410, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-54HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-420, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-5RL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-405, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-5RL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-395, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-5RL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-395, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-5RL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-405, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-5RL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-405, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-60**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60(Plus)**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60(Plus)-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60BL**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60BL-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60H**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HBL**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HBL-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-375, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HBL-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=400-470, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-445, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-445, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-455, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-470, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HLM**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=350-385, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HLM-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=350-370, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HLM-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=350-370, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HLM-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-380, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HLM-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-400, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL-T-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-335, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=300-375, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-TV-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-355, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-V-Q**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=210-375, with increments of 5W, 120 half cut cells

## TESTS

### Test requirements

IEC 62716:2013  
EN 62716:2013

### Test result

The test results are laid down in DEKRA test file 610696400.

### Additional information

This certificate replaces certificate No. 31-90001-006 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

### Conclusion

The examination proved that all requirements were met.

### Factory locations

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China



Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

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Jacksonville FL 32221, United States Of America

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Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

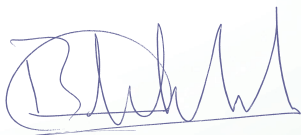
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 24 September 2026.

Certificate number: 31-90001-007 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMxxxM-60-V, JKMxxxM-60-V-J, JKMxxxM-60H-MBB, JKMxxxM-60H-MBB-T, JKMxxxM-60H-MBB-TV, JKMxxxM-60H-MBB-V, JKMxxxM-60H-T, JKMxxxM-60H-TV, JKMxxxM-60H-V, JKMxxxM-60L, JKMxxxM-60L-V, JKMxxxM-66H, JKMxxxM-66H-MBB, JKMxxxM-66H-MBB-V, JKMxxxM-66H-T, JKMxxxM-66H-TV, JKMxxxM-66H-TV-Q, JKMxxxM-66H-V, JKMxxxM-66H-V-Q, JKMxxxM-66HB, JKMxxxM-66HB-V, JKMxxxM-66HL4, JKMxxxM-66HL4-B, JKMxxxM-66HL4-B-V, JKMxxxM-66HL4-TV, JKMxxxM-66HL4-V, JKMxxxM-6RL3, JKMxxxM-6RL3-B, JKMxxxM-6RL3-B-V, JKMxxxM-6RL3-J, JKMxxxM-6RL3-T, JKMxxxM-6RL3-T-J, JKMxxxM-6RL3-TV, JKMxxxM-6RL3-TV-J, JKMxxxM-6RL3-V, JKMxxxM-6RL3-V-J, JKMxxxM-6RL4, JKMxxxM-6RL4-B, JKMxxxM-6RL4-B-V, JKMxxxM-6RL4-TV, JKMxxxM-6RL4-V, JKMxxxM-6TL3, JKMxxxM-6TL3-B, JKMxxxM-6TL3-B-V, JKMxxxM-6TL3-T, JKMxxxM-6TL3-TV, JKMxxxM-6TL3-V and JKMxxxM-6TL4

**Product data – type JKMxxxM-60H-MBB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=320-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60H-MBB-T**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=320-335, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60H-MBB-TV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=320-360, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60H-MBB-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60H-T**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60H-TV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=300-375, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60H-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60L**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60L-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-350, with increments of 5W, 60 cells

**Product data – type JKMxxxM-66H**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-365, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=440-505, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HL4-B**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=465-490, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=465-490, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-505, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-505, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66H-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66H-MBB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-390, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66H-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-385, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66H-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-385, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66H-TV-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-395, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66H-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-390, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66H-V-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-380, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL3-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL3-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL3-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL3-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=355-400, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL3-T-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=355-400, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL3-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-400, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL3-TV-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-400, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL3-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-415, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL3-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-415, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=455-485, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=455-485, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-495, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-495, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6TL3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-380, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-6TL3-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-6TL3-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-6TL3-T**

Design : PV module with mono c-Si cells



Maximum System voltage : 1000V  
Description : xxx=325-365, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-6TL3-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=325-365, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-6TL3-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-380, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-6TL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-007 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
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No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

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No.1, Yingbin Road, Economic Development Zone  
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Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
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Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

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4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

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Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
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220000 Tien Du District, Bac Ninh, Vietnam

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No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

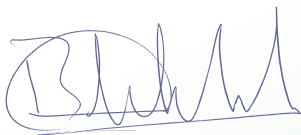
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-008 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMxxxM-6TL4-B, JKMxxxM-6TL4-B-V, JKMxxxM-6TL4-TV, JKMxxxM-6TL4-V, JKMxxxM-72, JKMxxxM-72(Plus), JKMxxxM-72(Plus)-V, JKMxxxM-72B, JKMxxxM-72B-V, JKMxxxM-72BL, JKMxxxM-72BL-V, JKMxxxM-72H, JKMxxxM-72H-MBB, JKMxxxM-72H-MBB-T, JKMxxxM-72H-MBB-TV, JKMxxxM-72H-MBB-V, JKMxxxM-72H-T, JKMxxxM-72H-TV, JKMxxxM-72H-V, JKMxxxM-72HB, JKMxxxM-72HB-V, JKMxxxM-72HBL, JKMxxxM-72HBL-V, JKMxxxM-72HL, JKMxxxM-72HL-Q, JKMxxxM-72HL-T, JKMxxxM-72HL-T-Q, JKMxxxM-72HL-TV, JKMxxxM-72HL-TV-Q, JKMxxxM-72HL-V, JKMxxxM-72HL-V-Q, JKMxxxM-72HL4, JKMxxxM-72HL4-B, JKMxxxM-72HL4-B-V, JKMxxxM-72HL4-J, JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J, JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J, JKMxxxM-72HLM, JKMxxxM-72HLM-B, JKMxxxM-72HLM-B-V, JKMxxxM-72HLM-TV, JKMxxxM-72HLM-V, JKMxxxM-72L and JKMxxxM-72L-V

**Product data – type JKMxxxM-6TL4-B**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=415-440, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-6TL4-B-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=415-440, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-6TL4-TV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=385-450, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-6TL4-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=385-450, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-72**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72(Plus)**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72(Plus)-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72BL**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72BL-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72H**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HBL**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HBL-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HB-V**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=335-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=475-570, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=515-535, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=510-535, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL4-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=475-570, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=460-565, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL4-TV-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=460-565, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=460-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL4-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=460-570, with increments of 5W, 144 half cut cells



**Product data – type JKMxxxM-72HLM**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=420-465, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HLM-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=415-445, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HLM-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=415-445, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HLM-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-460, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HLM-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-480, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL-T-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HL-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-455, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL-TV-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-425, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL-V-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72H-MBB-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-405, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72H-MBB-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-435, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-MBB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72H-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-455, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72L**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72L-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-420, with increments of 5W, 72 cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-008 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam


Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.

No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park

230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

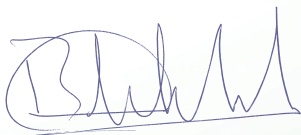
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-009 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMxxxM-72-V, JKMxxxM-72-V-J, JKMxxxM-78H, JKMxxxM-78H-MBB, JKMxxxM-78H-MBB-V, JKMxxxM-78H-T, JKMxxxM-78H-TV, JKMxxxM-78H-TV-Q, JKMxxxM-78H-V, JKMxxxM-78H-V-Q, JKMxxxM-78HB, JKMxxxM-78HB-V, JKMxxxM-78HL4-TV, JKMxxxM-78HL4-V, JKMxxxM-7RL3, JKMxxxM-7RL3-B, JKMxxxM-7RL3-B-V, JKMxxxM-7RL3-J, JKMxxxM-7RL3-T, JKMxxxM-7RL3-T-J, JKMxxxM-7RL3-TV, JKMxxxM-7RL3-TV-J, JKMxxxM-7RL3-V, JKMxxxM-7RL3-V-J, JKMxxxM-7RL4, JKMxxxM-7RL4-B, JKMxxxM-7RL4-B-V, JKMxxxM-7RL4-J, JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J, JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J, JKMxxxM-7TL4, JKMxxxM-7TL4-B, JKMxxxM-7TL4-B-V, JKMxxxM-7TL4-J, JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J, JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J, JKMxxxN-32H-MBB-B, JKMxxxN-32HL3-MBB-B, JKMxxxN-48H-MBB-B, JKMxxxN-48HL3-MBB-B, JKMxxxN-54HL4, JKMxxxN-54HL4-B, JKMxxxN-54HL4-B-V, JKMxxxN-54HL4-TV, JKMxxxN-54HL4-V and JKMxxxN-5RL4

**Product data – type JKMxxxM-72-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=250-420, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72-V-J**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=250-420, with increments of 5W, 72 cells

**Product data – type JKMxxxM-78H**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=405-465, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-78HB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=405-435, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-78HB-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=405-435, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78HL4-TV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V



Description : xxx=555-595, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=565-605, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=440-465, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-78H-MBB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=440-465, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-455, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-78H-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-455, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-TV-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-455, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-V-Q**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-495, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL3-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL3-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL3-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-495, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL3-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=420-475, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL3-T-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=420-475, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL3-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=420-475, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL3-TV-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=420-475, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL3-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-495, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL3-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-495, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=540-575, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=540-575, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL4-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=490-590, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL4-TV-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=490-590, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=500-590, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL4-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=500-590, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7TL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-570, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-7TL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-530, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-7TL4-B-V**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=495-530, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-570, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-7TL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=485-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-TV-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=485-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=495-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=495-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-32HL3-MBB-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=180-195, with increments of 5W, 64 half-cut cells

**Product data – type JKMxxxN-32H-MBB-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=170-175, with increments of 5W, 64 half-cut cells

**Product data – type JKMxxxN-48HL3-MBB-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-295, with increments of 5W, 96 half-cut cells

**Product data – type JKMxxxN-48H-MBB-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=255-265, with increments of 5W, 96 half-cut cells

**Product data – type JKMxxxN-54HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-455, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxN-54HL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=380-450, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxN-54HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=380-400, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxN-54HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-430, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxN-54HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-455, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxN-5RL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-460, with increments of 5W, 108 half-cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-009 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung  
Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Solar*  
**Jinko**  
*Building Your Trust in Solar*

Unique Identifier





# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

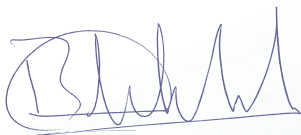
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-010 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMxxxN-5RL4-B, JKMxxxN-5RL4-B-V, JKMxxxN-5RL4-V, JKMxxxN-60H-MBB, JKMxxxN-60H-MBB-B, JKMxxxN-60H-MBB-B-V, JKMxxxN-60H-MBB-T, JKMxxxN-60H-MBB-TV, JKMxxxN-60H-MBB-V, JKMxxxN-60H-T, JKMxxxN-60H-TV, JKMxxxN-60HL-T, JKMxxxN-60HL-TV, JKMxxxN-60HL3-MBB-B, JKMxxxN-60HL4, JKMxxxN-60HL4-B, JKMxxxN-60HL4-B-V, JKMxxxN-60HL4-TV, JKMxxxN-60HL4-V, JKMxxxN-66HL4, JKMxxxN-66HL4-B, JKMxxxN-66HL4-B-V, JKMxxxN-66HL4-TV, JKMxxxN-66H -T, JKMxxxN-6RL3, JKMxxxN-6RL3-B, JKMxxxN-6RL3-B-V, JKMxxxN-6RL3-J, JKMxxxN-6RL3-T, JKMxxxN-6RL3-T-J, JKMxxxN-6RL3-TV, JKMxxxN-6RL3-TV-J, JKMxxxN-6RL3-V, JKMxxxN-6RL3-V-J, JKMxxxN-6RL4, JKMxxxN-6RL4-B, JKMxxxN-6RL4-B-V, JKMxxxN-6TL3, JKMxxxN-6TL3-B, JKMxxxN-6TL3-B-V, JKMxxxN-6TL3-T, JKMxxxN-6TL3-TV, JKMxxxN-6TL3-V, JKMxxxN-6TL4, JKMxxxN-6TL4-B and JKMxxxN-6TL4-B-V

**Product data – type JKMxxxN-5RL4-B**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=375-455, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxN-5RL4-B-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=375-395, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxN-5RL4-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=345-460, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxN-60HL3-MBB-B**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=330-370, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL4**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=405-510, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL4-B**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=425-470, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-445, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-480, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-510, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60HL-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-355, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60H-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-MBB-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-330, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-MBB-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-330, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60H-MBB-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=330-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-MBB-TV**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=330-370, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60H-MBB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60H-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-355, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-66H -T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=345-385, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-66HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=445-525, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-66HL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=465-490, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-66HL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=465-490, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-66HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=440-525, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6RL3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-420, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL3-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-425, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL3-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6RL3-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-420, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL3-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=355-400, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL3-T-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=355-400, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL3-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-420, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6RL3-TV-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-420, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6RL3-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-420, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6RL3-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-420, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6RL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=455-485, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=455-485, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6TL3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-390, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL3-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-385, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL3-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-6TL3-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=325-365, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL3-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=325-380, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-6TL3-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-390, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-6TL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL4-B**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=415-440, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=415-440, with increments of 5W, 120 half cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-010 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
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Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
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4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

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314416 Haining City, Jiaxing City Zhejiang, China

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226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
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330096 Nanchang City Jiangxi, China

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LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

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Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China



Jinko Solar (Feidong) Co., Ltd.

No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park

230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

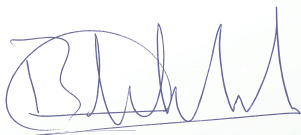
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-011 REV.6

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMxxxN-72H-MBB, JKMxxxN-72H-MBB-B, JKMxxxN-72H-MBB-B-V, JKMxxxN-72H-MBB-T, JKMxxxN-72H-MBB-TV, JKMxxxN-72H-MBB-V, JKMxxxN-72H-T, JKMxxxN-72H-TV, JKMxxxN-72HL-T, JKMxxxN-72HL-TV, JKMxxxN-72HL3-MBB-B, JKMxxxN-72HL4, JKMxxxN-72HL4-B, JKMxxxN-72HL4-B-V, JKMxxxN-72HL4-TV, JKMxxxN-72HL4-V, JKMxxxN-78H-T, JKMxxxN-78H-TV, JKMxxxN-7RL3, JKMxxxN-7RL3-B, JKMxxxN-7RL3-B-V, JKMxxxN-7RL3-J, JKMxxxN-7RL3-T, JKMxxxN-7RL3-T-J, JKMxxxN-7RL3-TV, JKMxxxN-7RL3-TV-J, JKMxxxN-7RL3-V, JKMxxxN-7RL3-V-J, JKMxxxN-7RL4, JKMxxxN-7RL4-B, JKMxxxN-7RL4-B-V, JKMxxxN-7TL4, JKMxxxN-7TL4-B, JKMxxxN-7TL4-B-V, JKMxxxN-7TL4-TV, JKMxxxN-7TL4-V, JKMxxxP-60-V and JKMxxxP-60-V-J

**Product data – type JKMxxxN-72HL3-MBB-B**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=400-445, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72HL4**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=485-615, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72HL4-B**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=510-535, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72HL4-B-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=510-535, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72HL4-TV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=485-605, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72HL4-V**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=480-615, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72HL-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72HL-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-455, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72H-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72H-MBB-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=380-400, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72H-MBB-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=380-400, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72H-MBB-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=390-420, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72H-MBB-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=390-445, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72H-MBB-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-72H-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72H-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-455, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-78H-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=410-460, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-78H-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=410-460, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-500, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL3-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL3-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-490, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL3-T**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-470, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL3-T-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-470, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL3-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3-TV-J**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=425-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3-V-J**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=540-575, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=540-575, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7TL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-7TL4-B**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-530, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-7TL4-B-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=495-530, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-7TL4-TV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=480-590, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-7TL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=495-600, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxP-60-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-325, with increments of 5W, 60 cells

**Product data – type JKMxxxP-60-V-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-325, with increments of 5W, 60 cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-011 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China



Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

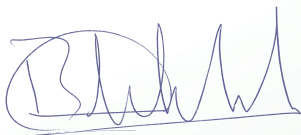
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-012 REV.6

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : JKMxxxP-72-V, JKMxxxP-72-V-J, JKMxxxPP-60, JKMxxxPP-60(Plus), JKMxxxPP-60(Plus)-V, JKMxxxPP-60-V, JKMxxxPP-60-V-J, JKMxxxPP-60B, JKMxxxPP-60B-V, JKMxxxPP-60H, JKMxxxPP-60H-V, JKMxxxPP-60HB, JKMxxxPP-60HB-V, JKMxxxPP-72, JKMxxxPP-72(Plus), JKMxxxPP-72(Plus)-J4, JKMxxxPP-72(Plus)-V, JKMxxxPP-72B, JKMxxxPP-72B-V, JKMxxxPP-72H, JKMxxxPP-72H-V, JKMxxxPP-72HB and JKMxxxPP-72HB-V

**Product data – type JKMxxxP-72-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-390, with increments of 5W, 72 cells

**Product data – type JKMxxxP-72-V-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-390, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-60**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-60(Plus)**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-60(Plus)-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-60B**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-60B-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-60H**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxPP-60HB**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxPP-60HB-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-325, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxPP-60H-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-325, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxPP-60-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-325, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-60-V-J**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=210-325, with increments of 5W, 60 cells

**Product data – type JKMxxxPP-72**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72(Plus)**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72(Plus)-J4**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=250-390, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72(Plus)-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72B**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72B-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72H**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxPP-72HB**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxPP-72HB-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-390, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxPP-72H-V**

Design : PV module with poly c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=250-390, with increments of 5W, 144 half cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-012 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China



Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung  
Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

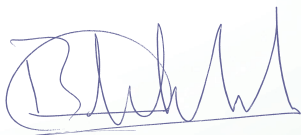
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 15 December 2022 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-013 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMSxxxM-72HBL-MX3, JKMSxxxPP-72H-MX3, JKMxxxM-66H-TV, JKMxxxPP-72-V, JKMxxxPP-72-V-J, JKSM3-CACA-xxx, JKSM3-CCCA-xxx, JKSM3-CFCA-xxx, JKSM3-CHCA-xxx, JKSM3-DACA-xxx, JKSM3-DCCA-xxx, JKSM3-DFCA-xxx, JKSM3-DHCA-xxx, JKSN3-CCCA-xxx, JKSN3-CHCA-xxx, JKSN3-DCCA-xxx, JKSN3-DHCA-xxx, JKxxxM-66H5-BTV, JKxxxM-66H5-MW, JKxxxM-66H5-MWV, JKxxxM-66R5-BTV, JKxxxM-66R5-MW, JKxxxM-66R5-MWV, MMxxx-5RLD-MBV, MMxxx-54HLD-MBV, MMxxx-5RLD-MB, MMxxx-60HLA-AB, MMxxx-60HLA-ABV, MMxxx-60HLA-BB, MMxxx-60HLA-BBV, MMxxx-60HLA-BBV-MBB, MMxxx-60HLA-MB, MMxxx-60HLA-MB-MBB, MMxxx-60HLA-MBV, MMxxx-60HLA-MBV-MBB, MMxxx-60HLD-MB, MMxxx-60HLD-MBV and MMxxx-60HLM-MB

**Product data – type JKMSxxxM-72HBL-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72H-MX3**

Design	: PV module with poly c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-66H-TV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=345-385, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxPP-72-V**

Design	: PV module with poly c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=250-390, with increments of 5W, 72 cells

**Product data – type JKMxxxPP-72-V-J**

Design	: PV module with poly c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=250-390, with increments of 5W, 72 cells

**Product data – type JKSM3-CACA-xxx**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=335-390, with increments of 5W, 132 half cut cells

**Product data – type JKSM3-CCCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-405, with increments of 5W, 132 half cut cells

**Product data – type JKSM3-CFCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-370, with increments of 5W, 132 half-cut cells

**Product data – type JKSM3-CHCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-380, with increments of 5W, 132 half-cut cells

**Product data – type JKSM3-DACA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-440, with increments of 5W, 156 half cut cells

**Product data – type JKSM3-DCCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-450, with increments of 5W, 156 half cut cells

**Product data – type JKSM3-DFCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=400-440, with increments of 5W, 156 half-cut cells

**Product data – type JKSM3-DHCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=400-450, with increments of 5W, 156 half-cut cells

**Product data – type JKSN3-CCCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=345-390, with increments of 5W, 132 half cut cells

**Product data – type JKSN3-CHCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=345-370, with increments of 5W, 132 half-cut cells

**Product data – type JKSN3-DCCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=410-440, with increments of 5W, 156 half cut cells

**Product data – type JKSN3-DHCA-xxx**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=410-440, with increments of 5W, 156 half-cut cells

**Product data – type JKxxxM-66H5-BTV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=635-665, with increments of 5W, 132 half cut cells

**Product data – type JKxxxM-66H5-MW**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=635-670, with increments of 5W, 132 half-cut cells

**Product data – type JKxxxM-66H5-MWV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=635-670, with increments of 5W, 132 half cut cells

**Product data – type JKxxxM-66R5-BTV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=630-660, with increments of 5W, 132 half cut cells

**Product data – type JKxxxM-66R5-MW**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=630-665, with increments of 5W, 132 half-cut cells

**Product data – type JKxxxM-66R5-MWV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=630-665, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-54HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-420, with increments of 5W, 108 half-cut cells

**Product data – type MMxxx-54HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-420, with increments of 5W, 108 half cut cells

**Product data – type MMxxx-5RLD-MB**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=375-405, with increments of 5W, 108 half-cut cells

**Product data – type MMxxx-5RLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-405, with increments of 5W, 108 half cut cells

**Product data – type MMxxx-60HLA-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-60HLA-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60HLA-BB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-60HLA-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-335, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60HLA-BBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-335, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60HLA-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-60HLA-MB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-60HLA-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60HLA-MBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=400-470, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-60HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-470, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60HLM-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=350-385, with increments of 5W, 120 half-cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-013 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China



Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
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18000 An Duong District, Hai Phong, Vietnam

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Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  *Jinko* Solar  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

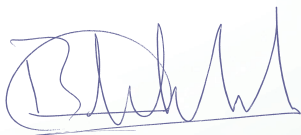
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 27 September 2026.

Certificate number: 31-90001-014 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: MMxxx-60HLM-MBV, MMxxx-60LA-AB, MMxxx-60LA-ABV, MMxxx-60LA-MB, MMxxx-60LA-MBV, MMxxx-66HLA-AB, MMxxx-66HLA-ABV, MMxxx-66HLA-BBV, MMxxx-66HLA-MB, MMxxx-66HLA-MB-MBB, MMxxx-66HLA-MBV, MMxxx-66HLA-MBV-MBB, MMxxx-66HLD-MB, MMxxx-66HLD-MBV, MMxxx-6RLC-AB, MMxxx-6RLC-ABV, MMxxx-6RLC-BBV, MMxxx-6RLC-MB, MMxxx-6RLC-MBV, MMxxx-6RLD-MB, MMxxx-6RLD-MBV, MMxxx-6TLC-AB, MMxxx-6TLC-ABV, MMxxx-6TLC-BBV, MMxxx-6TLC-MB, MMxxx-6TLC-MBV, MMxxx-6TLD-MB, MMxxx-6TLD-MBV, MMxxx-72HLA-AB, MMxxx-72HLA-ABV, MMxxx-72HLA-BB, MMxxx-72HLA-BBV, MMxxx-72HLA-BBV-MBB, MMxxx-72HLA-MB, MMxxx-72HLA-MB-MBB, MMxxx-72HLA-MBV, MMxxx-72HLA-MBV-MBB, MMxxx-72HLD-MB, MMxxx-72HLD-MBV, MMxxx-72HLM-MB, MMxxx-72HLM-MBV, MMxxx-72LA-AB, MMxxx-72LA-ABV, MMxxx-72LA-MB, MMxxx-72LA-MBV, MMxxx-78HLA-AB, MMxxx-78HLA-ABV, MMxxx-78HLA-BBV, MMxxx-78HLA-MB and MMxxx-78HLA-MB-MBB

**Product data – type MMxxx-60HLM-MBV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=350-385, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-60LA-AB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type MMxxx-60LA-ABV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type MMxxx-60LA-MB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type MMxxx-60LA-MBV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=270-340, with increments of 5W, 60 cells

**Product data – type MMxxx-66HLA-AB**

Design	: PV module with mono c-Si cells
--------	----------------------------------

Maximum System voltage : 1000V  
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-66HLA-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-365, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-66HLA-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-385, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-66HLA-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-66HLA-MB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-66HLA-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-390, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-66HLA-MBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=370-390, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-66HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=440-505, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-66HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=440-505, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-6RLC-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-405,, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-6RLC-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-6RLC-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-400, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-6RLC-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-400, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-6RLC-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-400, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-6RLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

**Product data – type MMxxx-6RLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=455-495, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-6TLC-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-6TLC-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-6TLC-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=325-365, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-6TLC-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-365, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-6TLC-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-365, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-6TLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-6TLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=415-450, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-72HLA-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-425, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-BB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-425, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-BBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-405, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-MB-MBB**

Design : PV module with mono c-Si cells



Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-425, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-MBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=475-570, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=475-570, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLM-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=420-465, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLM-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=420-465, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72LA-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type MMxxx-72LA-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type MMxxx-72LA-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type MMxxx-72LA-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type MMxxx-78HLA-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-435, with increments of 5W, 156 half-cut cells

**Product data – type MMxxx-78HLA-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-435, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-78HLA-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-455, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-78HLA-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-465, with increments of 5W, 156 half-cut cells

**Product data – type MMxxx-78HLA-MB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=440-465, with increments of 5W, 156 half-cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-014 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
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13600 Perai, Pulau Pinang, Malaysia

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18000 An Duong District, Hai Phong, Vietnam

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4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
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Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
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GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung  
Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

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Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

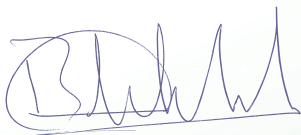
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-015 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: MMxxx-78HLA-MBV, MMxxx-78HLA-MBV-MBB, MMxxx-78HLD-MBV, MMxxx-7RLC-AB, MMxxx-7RLC-ABV, MMxxx-7RLC-BBV, MMxxx-7RLC-MB, MMxxx-7RLC-MBV, MMxxx-7RLD-MB, MMxxx-7RLD-MBV, MMxxx-7TLD-MB, MMxxx-7TLD-MBV, MNxxx-54HLD-BBV, MNxxx-54HLD-MB, MNxxx-54HLD-MBV, MNxxx-5RLD-BBV, MNxxx-5RLD-MB, MNxxx-5RLD-MBV, MNxxx-60HLA-AB-MBB, MNxxx-60HLA-ABV-MBB, MNxxx-60HLA-BBV-MBB, MNxxx-60HLA-MB-MBB, MNxxx-60HLA-MBV-MBB, MNxxx-60HLD-BBV, MNxxx-60HLD-MBV, MNxxx-66HLD-BBV, MNxxx-66HLD-MB, MNxxx-66HLD-MBV, MNxxx-6RLC-AB, MNxxx-6RLC-ABV, MNxxx-6RLC-BBV, MNxxx-6RLC-MB, MNxxx-6RLC-MBV, MNxxx-6RLD-BBV, MNxxx-6RLD-MB, MNxxx-6RLD-MBV, MNxxx-6TLC-AB, MNxxx-6TLC-ABV, MNxxx-6TLC-BBV, MNxxx-6TLC-MB, MNxxx-6TLC-MBV, MNxxx-6TLD-BBV, MNxxx-6TLD-MB, MNxxx-6TLD-MBV, MNxxx-72HLA-AB-MBB, MNxxx-72HLA-ABV-MBB, MNxxx-72HLA-BBV-MBB, MNxxx-72HLA-MB-MBB and SMMxxx-78HLA-MBV-TI

**Product data – type MMxxx-78HLA-MBV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-78HLA-MBV-MBB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=440-465, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-78HLD-MBV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=565-605, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-7RLC-AB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type MMxxx-7RLC-ABV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-7RLC-BBV**

Design	: PV module with mono c-Si cells
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Maximum System voltage : 1500V  
Description : xxx=420-475, with increments of 5W, 132 half cut cells

**Product data – type MMxxx-7RLC-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-475, with increments of 5W, 156 half-cut cells

**Product data – type MMxxx-7RLC-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-475, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-7RLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

**Product data – type MMxxx-7RLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=535-590, with increments of 5W, 156 half cut cells

**Product data – type MMxxx-7TLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-540, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-7TLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=495-540, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-54HLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=380-405, with increments of 5W, 108 half cut cells

**Product data – type MNxxx-54HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=365-415, with increments of 5W, 108 half-cut cells

**Product data – type MNxxx-54HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=365-415, with increments of 5W, 108 half cut cells



**Product data – type MNxxx-5RLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=365-405, with increments of 5W, 108 half cut cells

**Product data – type MNxxx-5RLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=375-405, with increments of 5W, 108 half-cut cells

**Product data – type MNxxx-5RLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=375-405, with increments of 5W, 108 half cut cells

**Product data – type MNxxx-60HLA-AB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-330, with increments of 5W, 120 half-cut cells

**Product data – type MNxxx-60HLA-ABV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-330, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-60HLA-BBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=330-350, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-60HLA-MB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-350, with increments of 5W, 120 half-cut cells

**Product data – type MNxxx-60HLA-MBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-350, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-60HLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-450, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-60HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-460, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-66HLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=440-495, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-66HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=445-505, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-66HLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=445-505, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLC-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-6RLC-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLC-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=355-400, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLC-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-410, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-6RLC-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-400, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=440-495, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLD-MB**

Design : PV module with mono c-Si cells

Maximum System voltage : 1000V  
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-6RLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=455-495, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6TLC-AB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

**Product data – type MNxxx-6TLC-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-6TLC-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=325-365, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-6TLC-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-375, with increments of 5W, 120 half-cut cells

**Product data – type MNxxx-6TLC-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-365, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-6TLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=400-450, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-6TLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

**Product data – type MNxxx-6TLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=415-450, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-72HLA-AB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=380-400, with increments of 5W, 144 half-cut cells

**Product data – type MNxxx-72HLA-ABV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=380-400, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-72HLA-BBV-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=390-420, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-72HLA-MB-MBB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type SMMxxx-78HLA-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-015 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.

Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune

220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.

No.1699 Tianxiang Road, Hi-Tech industrial Development Zone

330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.

LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune

220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.

No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai

13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.


No.199, Xinyue Road, Huangwan Town

314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.

No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park

230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:  
Applicant:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Licensee:  
**Jinko Solar Co., Ltd.**  
No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

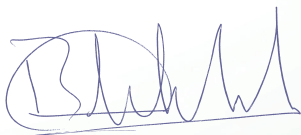
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-016 REV.6

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: MNxxx-72HLA-MBV-MBB, MNxxx-72HLD-BBV, MNxxx-72HLD-MB, MNxxx-72HLD-MBV, MNxxx-7RLC-AB, MNxxx-7RLC-ABV, MNxxx-7RLC-BBV, MNxxx-7RLC-MB, MNxxx-7RLC-MBV, MNxxx-7RLD-BBV, MNxxx-7RLD-MB, MNxxx-7RLD-MBV, MNxxx-7TLD-BBV, MNxxx-7TLD-M, MNxxx-7TLD-MBV, SMMxxx-60HLA-AB-MX3, SMMxxx-60HLA-AB-TI, SMMxxx-60HLA-ABV-MX3, SMMxxx-60HLA-ABV-TI, SMMxxx-60HLA-MB-MBB-TI, SMMxxx-60HLA-MB-MX3, SMMxxx-60HLA-MB-TI, SMMxxx-60HLA-MBV-MBB-TI, SMMxxx-60HLA-MBV-MX3, SMMxxx-60HLA-MBV-TI, SMMxxx-60LA-AB-MX3, SMMxxx-60LA-AB-TI, SMMxxx-60LA-ABV-MX3, SMMxxx-60LA-ABV-TI, SMMxxx-60LA-MB-MX3, SMMxxx-60LA-MB-TI, SMMxxx-60LA-MBV-MX3, SMMxxx-60LA-MBV-TI, SMMxxx-66HLA-AB-TI, SMMxxx-66HLA-ABV-TI, SMMxxx-66HLA-MB-TI, SMMxxx-66HLA-MBV-TI, SMMxxx-6RLC-AB-TI, SMMxxx-6RLC-ABV-TI, SMMxxx-6RLC-MB-TI, SMMxxx-6RLC-MBV-TI, SMMxxx-6TLC-AB-TI, SMMxxx-6TLC-ABV-TI, SMMxxx-6TLC-MB-TI, SMMxxx-6TLC-MBV-TI and SMMxxx-72HLA-AB-MX3

**Product data – type MNxxx-72HLA-MBV-MBB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-72HLD-BBV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=480-545, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-72HLD-MB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=485-555, with increments of 5W, 144 half-cut cells

**Product data – type MNxxx-72HLD-MBV**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=485-555, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-7RLC-AB**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type MNxxx-7RLC-ABV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type MNxxx-7RLC-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-475, with increments of 5W, 156 half cut cells

**Product data – type MNxxx-7RLC-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-490, with increments of 5W, 156 half-cut cells

**Product data – type MNxxx-7RLC-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-475, with increments of 5W, 156 half cut cells

**Product data – type MNxxx-7RLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=520-585, with increments of 5W, 156 half cut cells

**Product data – type MNxxx-7RLD-MB**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

**Product data – type MNxxx-7RLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=535-590, with increments of 5W, 156 half cut cells

**Product data – type MNxxx-7TLD-BBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=480-540, with increments of 5W, 144 half cut cells

**Product data – type MNxxx-7TLD-M**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=495-540, with increments of 5W, 144 half-cut cells

**Product data – type MNxxx-7TLD-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=495-540, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-60HLA-AB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-ABV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-MB-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-MB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-MBV-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-MBV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-MBV-TI**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60LA-AB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-ABV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-MB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-MBV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-60LA-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type SMMxxx-66HLA-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

**Product data – type SMMxxx-66HLA-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-365, with increments of 5W, 132 half cut cells

**Product data – type SMMxxx-66HLA-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

**Product data – type SMMxxx-66HLA-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=340-390, with increments of 5W, 132 half cut cells

**Product data – type SMMxxx-6RLC-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-405,, with increments of 5W, 132 half-cut cells

**Product data – type SMMxxx-6RLC-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type SMMxxx-6RLC-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-400, with increments of 5W, 132 half-cut cells

**Product data – type SMMxxx-6RLC-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-400, with increments of 5W, 132 half cut cells

**Product data – type SMMxxx-6TLC-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-6TLC-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-6TLC-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-365, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-6TLC-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-365, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-72HLA-AB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-016 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China


VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China



Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

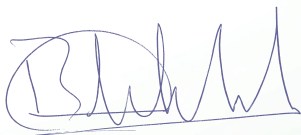
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-017 REV.6

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Jinko
Type(s)/model(s)	: JKMSxxxM-6RL3-B-MX3, JKMSxxxM-6RL3-MX3, JKMSxxxM-6RL3-V-MX3, JKMSxxxM-6TL3-V-MX3, JKMSxxxN-6RL3-B-MX3, JKMSxxxN-6RL3-MX3, JKMSxxxN-6RL3-V-MX3, JKMSxxxN-6TL3-B-MX3, JKMSxxxN-6TL3-MX3, JKMSxxxN-6TL3-V-MX3, JKMxxxN-78HL4, JKMxxxN-78HL4-V, SMMxxx-72HLA-AB-TI, SMMxxx-72HLA-ABV-MX3, SMMxxx-72HLA-ABV-TI, SMMxxx-72HLA-MB-MBB-TI, SMMxxx-72HLA-MB-MX3, SMMxxx-72HLA-MB-TI, SMMxxx-72HLA-MBV-MBB-TI, SMMxxx-72HLA-MBV-MX3, SMMxxx-72HLA-MBV-TI, SMMxxx-72LA-AB-MX3, SMMxxx-72LA-AB-TI, SMMxxx-72LA-ABV-MX3, SMMxxx-72LA-ABV-TI, SMMxxx-72LA-MB-MX3, SMMxxx-72LA-MB-TI, SMMxxx-72LA-MBV, SMMxxx-72LA-MBV-MX3, SMMxxx-72LA-MBV-TI, SMMxxx-78HLA-AB-TI, SMMxxx-78HLA-ABV-TI, SMMxxx-78HLA-MB-TI, SMMxxx-7RLC-AB-TI, SMMxxx-7RLC-ABV-TI, SMMxxx-7RLC-MB-TI, SMMxxx-7RLC-MBV-TI, SMNxxx-60HLA-AB-MBB-TI, SMNxxx-60HLA-ABV-MBB-TI, SMNxxx-60HLA-MB-MBB-TI, SMNxxx-60HLA-MBV-MBB-TI, SMNxxx-6RLC-AB-TI, SMNxxx-6RLC-ABV-TI, SMNxxx-6RLC-MBV-TI, SMNxxx-6TLC-AB-TI, SMNxxx-6TLC-ABV-TI, SMNxxx-6TLC-MB-TI, SMNxxx-6TLC-MBV-TI, SMNxxx-72HLA-AB-MBB-TI, SMNxxx-72HLA-ABV-MBB-TI, SMNxxx-72HLA-MB-MBB-TI, SMNxxx-72HLA-MBV-MBB-TI, SMNxxx-7RLC-AB-TI, SMNxxx-7RLC-ABV-TI, SMNxxx-7RLC-MB-TI and SMNxxx-7RLC-MBV-TI

**Product data – type JKMSxxxM-6RL3-B-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=360-405, with increments of 5W, 132 cells

**Product data – type JKMSxxxM-6RL3-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1000V
Description	: xxx=360-415, with increments of 5W, 132 cells

**Product data – type JKMSxxxM-6RL3-V-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=360-415, with increments of 5W, 132 cells

**Product data – type JKMSxxxM-6TL3-V-MX3**

Design	: PV module with mono c-Si cells
Maximum System voltage	: 1500V
Description	: xxx=335-380, with increments of 5W, 120 cells

**Product data – type JKMSxxxN-6RL3-B-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-425, with increments of 5W, 132 cells

**Product data – type JKMSxxxN-6RL3-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-420, with increments of 5W, 132 cells

**Product data – type JKMSxxxN-6RL3-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-420, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxN-6TL3-B-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-385, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxN-6TL3-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-390, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxN-6TL3-V-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-390, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-78HL4**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=570-625, with increments of 5W, 156 cells

**Product data – type JKMxxxN-78HL4-V**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=570-625, with increment of 5W, 156 cells

**Product data – type SMMxxx-72HLA-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type SMMxxx-72HLA-ABV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V

Description : xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-72HLA-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-425, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-72HLA-MB-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type SMMxxx-72HLA-MB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type SMMxxx-72HLA-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type SMMxxx-72HLA-MBV-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-72HLA-MBV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-72HLA-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-425, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-72LA-AB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-ABV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MB-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MBV**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MBV-MX3**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-78HLA-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-435, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-78HLA-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=405-435, with increments of 5W, 156 half cut cells

**Product data – type SMMxxx-78HLA-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=405-465, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-7RLC-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-7RLC-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type SMMxxx-7RLC-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-475, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-7RLC-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-475, with increments of 5W, 156 half cut cells

**Product data – type SMNxxx-60HLA-AB-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=315-330, with increments of 5W, 120 half-cut cells

**Product data – type SMNxxx-60HLA-ABV-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=315-330, with increments of 5W, 120 half cut cells

**Product data – type SMNxxx-60HLA-MB-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-350, with increments of 5W, 120 half-cut cells

**Product data – type SMNxxx-60HLA-MBV-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-350, with increments of 5W, 120 half cut cells

**Product data – type SMNxxx-6RLC-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

**Product data – type SMNxxx-6RLC-ABV-TI**

Design : PV module with mono c-Si cells

Maximum System voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type SMNxxx-6RLC-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=360-400, with increments of 5W, 132 half cut cells

**Product data – type SMNxxx-6TLC-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

**Product data – type SMNxxx-6TLC-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type SMNxxx-6TLC-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=335-375, with increments of 5W, 120 half-cut cells

**Product data – type SMNxxx-6TLC-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=335-365, with increments of 5W, 120 half cut cells

**Product data – type SMNxxx-72HLA-AB-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=380-400, with increments of 5W, 144 half-cut cells

**Product data – type SMNxxx-72HLA-ABV-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=380-400, with increments of 5W, 144 half cut cells

**Product data – type SMNxxx-72HLA-MB-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type SMNxxx-72HLA-MBV-MBB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=385-425, with increments of 5W, 144 half cut cells



**Product data – type SMNxxx-7RLC-AB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type SMNxxx-7RLC-ABV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type SMNxxx-7RLC-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1000V  
Description : xxx=430-490, with increments of 5W, 156 half-cut cells

**Product data – type SMNxxx-7RLC-MBV-TI**

Design : PV module with mono c-Si cells  
Maximum System voltage : 1500V  
Description : xxx=430-475, with increments of 5W, 156 half cut cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-017 REV.5 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
No 5. Jinghai Road, Economic development zone  
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune  
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for  **Jinko** *Solar*  
*Building Your Trust in Solar*

Unique Identifier



# CERTIFICATE

Issued to:

Applicant:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Licensee:

**Jinko Solar Co., Ltd.**

**No.1 Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : PV module with poly/mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

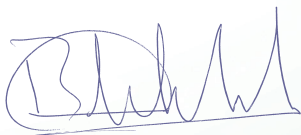
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 15 December 2022 and expires at the latest on 14 February 2027.

Certificate number: 31-90001-018 REV.4

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**H.R.M. Barends**  
Certification Manager

© Integral publication of this certificate is allowed

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product : Crystalline Silicon PV Modules  
Trade name(s) : Jinko  
Type(s)/model(s) : JKMSxxxM-60H-MBB-MX3, JKMSxxxM-60HB-V-TI, JKMSxxxM-60HL-V-TI, JKMSxxxM-6RL3-B-V-TI, JKMSxxxM-6TL3-B-MX3, JKMSxxxM-6TL3-B-TI, JKMSxxxM-6TL3-MX3, JKMSxxxM-72H-V-TI, JKMSxxxM-72HB-V-TI, JKMSxxxM-72HBL-V-TI, JKMSxxxM-72HL-V-TI, JKMSxxxM-7RL3-B-TI, JKMSxxxM-7RL3-B-V-TI, JKMSxxxM-60H-MBB-B-V-TI, JKMSxxxN-72H-MBB-B-V-TI, JKMSxxxN-54HL4R, JKMSxxxN-54HL4R-B, JKMSxxxN-54HL4R-V, JKMSxxxN-5RL4-TV, JKMSxxxN-60HL4R, JKMSxxxN-60HL4R-V, JKMSxxxN-66H-TV, JKMSxxxN-66HL4-V, JKMSxxxN-6RL4-TV, JKMSxxxN-6RL4-V, JKMSxxxN-6TL4-TV, JKMSxxxN-6TL4-V, JKMSxxxN-72HL4R, JKMSxxxN-72HL4R-TV, JKMSxxxN-72HL4R-V, JKMSxxxN-78HL4-TV, JKMSxxxN-7RL4-TV, JKMSxxxN-7RL4-V, JKMSxxxN-7TL4R, JKMSxxxN-7TL4R-TV, JKMSxxxN-7TL4R-V, JKMSxxxN-66H5-BTV, MNxxx-60HLD-MB and SMNxxx-6RLC-MB-TI

**Product data – type JKMSxxxM-60HB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=210-375, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-60HL-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=210-375, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-60H-MBB-MX3**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=320-355, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-6RL3-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=360-405, with increments of 5W, 132 cells

**Product data – type JKMSxxxM-6TL3-B-MX3**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=320-365, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-6TL3-B-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=320-365, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-6TL3-MX3**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=335-380, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-72HBL-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=335-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-72HB-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=335-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-72HL-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=250-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-72H-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=250-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-7RL3-B-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=425-480, with increments of 5W, 156 cells

**Product data – type JKMSxxxM-7RL3-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=425-480, with increments of 5W, 156 cells

**Product data – type JKMSxxxN-60H-MBB-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=315-330, with increments of 5W, 120 cells

**Product data – type JKMSxxxN-72H-MBB-B-V-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=380-400, with increments of 5W, 144 cells

**Product data – type JKMSxxxN-54HL4R**

Design : PV module with mono c-Si cells

Maximum System Voltage : 1000V  
Description : xxx=365-455, with increments of 5W, 108 cells

**Product data – type JKMxxxN-54HL4R-B**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=380-450, with increments of 5W, 108 cells

**Product data – type JKMxxxN-54HL4R-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=365-455, with increments of 5W, 108 cells

**Product data – type JKMxxxN-5RL4-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=350-415, with increments of 5W, 108 cells

**Product data – type JKMxxxN-60HL4R**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=405-510, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL4R-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=405-510, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-66HL4-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=425-525, with increments of 5W, 132 cells

**Product data – type JKMxxxN-66H-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=345-385, with increments of 5W, 132 cells

**Product data – type JKMxxxN-6RL4-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=425-510, with increments of 5W, 132 cells

**Product data – type JKMxxxN-6RL4-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=425-510, with increments of 5W, 132 cells



**Product data – type JKMxxxN-6TL4-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=385-465, with increments of 5W, 120 cells

**Product data – type JKMxxxN-6TL4-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=385-465, with increments of 5W, 120 cells

**Product data – type JKMxxxN-72HL4R**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=485-615, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72HL4R-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=485-605, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-72HL4R-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=480-615, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-78HL4-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=570-625, with increment of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL4-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=500-605, with increments of 5W, 156 cells

**Product data – type JKMxxxN-7RL4-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=500-605, with increments of 5W, 156 cells

**Product data – type JKMxxxN-7TL4R**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-7TL4R-TV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=480-590, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-7TL4R-V**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

**Product data – type JKxxxN-66H5-BTV**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1500V  
Description : xxx=635-670, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-60HLD-MB**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=405-460, with increments of 5W, 120 cells

**Product data – type SMNxxx-6RLC-MB-TI**

Design : PV module with mono c-Si cells  
Maximum System Voltage : 1000V  
Description : xxx=360-410, with increments of 5W, 132 cells

**TESTS****Test requirements**

IEC 62716:2013  
EN 62716:2013

**Test result**

The test results are laid down in DEKRA test file 610696400.

**Additional information**

This certificate replaces certificate No. 31-90001-018 REV.3 which we hereby declare invalid.

The list of components is laid down in test report 6106964A.56.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.  
No. 18 Liming Road, Lai'an Economic Development Zone  
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.  
No.1555 Chengxin Road, Niansanli Street  
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.  
No. 1 Jinko Road, Shangrao Economic Development Zone  
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.  
No.1, Yingbin Road, Economic Development Zone  
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah  
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.  
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District  
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.  
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317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.  
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13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune  
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.  
No. 89 Lianhong Road, Yuanhua Town  
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor  
14100 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.  
No. 66, Lifa Avenue Development Zone, Hai'an County  
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.  
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune  
220000 Que Vo District, Bac Ninh, Vietnam


LDK SOLAR HI-TECH (Nanchang) Co., Ltd.  
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone  
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.  
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220000 Tien Du District, Bac Ninh, Vietnam

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No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai  
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road, Huangwan Town  
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.  
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy  
Demonstration Park  
230061 Feidong County, Hefei City Anhui, China

Trade name(s): Jinko stands for   
*Building Your Trust in Solar*

Unique Identifier

