

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Jinko Solar Co., Ltd.

No.1, Jinko Road, Shangrao Economic Development Zone
Shangrao City, Jiangxi Province, 334100
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2022-05-09

Valid until: 2026-09-28

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	P12.4-AA-02 Rev. 00 (IEC TS 62804-1:2015 modified)
Remark:	Test temperature: 85°C; Relative humidity: 85%; Test duration: 96 hours.
Registered No.:	44 780 20 406749 - 024R9A9M13
Manufacturer:	see Annex 1
Test Report No.:	492011192.018
File No.:	PVP02026/22P



Essen, 2022-05-09

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Please also pay attention to the information stated overleaf.

Manufacturer:

Manufacturer 1:	Jinko Solar Co., Ltd. No.1, Jinko Road, Shangrao Economic Development Zone Shangrao City, Jiangxi Province, 334100, P.R. China
Factory inspection report no.:	862010818.009
Manufacturer 2:	Zhejiang Jinko Solar Co., Ltd. No. 58, Yuan Xi Road, Yuan Hua Town, Haining City, Jiaxing City, Zhejiang, 314416, P. R. China
Factory inspection report no.:	862010206.009
Manufacturer 3:	Jinko Solar Technology Sdn Bhd. 2481, Tingkat Perusahaan 4A, Kawasan Perusahaan Bebas Perai 13600, Perai, Penang, Malaysia
Factory inspection report no.:	862010278.007
Manufacturer 4:	Zhejiang Jinko Solar Co., Ltd. No.35 Haishi Road, Jianshan New District Haining City, Zhejiang Province. 314415, P.R. China
Factory inspection report no.:	862010305.006
Manufacturer 5:	Jinko Solar Technology Sdn Bhd. (P2) 2522, Lorong Perusahaan 4, Kawasan Perusahaan Bebas Perai, Phase 1, 13600, Perai, Penang
Factory inspection report no.:	862010306.006
Manufacturer 6:	Jinko Solar Technology Sdn Bhd. (P3) Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah, 13600 Perai, Penang
Factory inspection report no.:	862010307.006
Manufacturer 7:	Vina Solar Technology Co., Ltd. E12 factory, lot CN-03, Van Trung Industrial park 21000 Bac Giang Province, Vietnam
Factory inspection report no.:	862010318.005

Manufacturer 8:	Yuhuan Jinko solar Co., Ltd. At the Intersection of Shanghai Road and Taizhou Road in the Third Issue of Yuhuan Economic Development Zone Taizhou City, Zhejiang Province, 317600, P. R. China
Factory inspection report no.:	862010340.005
Manufacturer 9:	Jinko Solar Co., Ltd. (fifth factory) NO.1 YingBin Road, Shangrao Economic Development Zone Jiangxi Province, 334100, P. R. China
Factory inspection report no.:	862010380.004
Manufacturer 10:	Jinko Solar Technology Sdn. Bhd. (P5) Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone 13600 Perai, Penang, Malaysia
Factory inspection report no.:	862010416.004
Manufacturer 11:	Jinko Solar Technology Sdn Bhd. (P6) 2480 Tingkat Perusahaan, Enam Perai Free Trade Zone 13600 Perai, Penang, Malaysia
Factory inspection report no.:	862010417.004
Manufacturer 12:	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, An Duong District, Haiphong city, Vietnam
Factory inspection report no.:	862010420.003
Manufacturer 13:	Jinko Solar (U.S.) Industries Inc. 4660 Pow-Mia Memorial Parkway, Suite 200 Jacksonville, FL, 32221, USA
Factory inspection report no.:	862010440.003
Manufacturer 14:	Jinko Solar (Haining) Co., Ltd. No. 89, Lianhong Road, Yuanhua Town, Haining City, Jiaxing City, Zhejiang, P.R. China
Factory inspection report no.:	862010467.003

Manufacturer 15: **Jinko Solar (Yiwu) Co., Ltd.**
1555# Chengxin Road, Niansanli street
Yiwu city, Zhejiang Province, P.R. China

Factory inspection report no.: 862010488.002

Manufacturer 16: **Jinko Solar (Chuzhou) Co., Ltd.**
No. 18 Liming Road, Lai'an Economic Development Zone
Chuzhou City, Anhui Province, P.R. China

Factory inspection report no.: 862010491.002

Manufacturer 17: **Jinko Solar (Shangrao) Co., Ltd.**
No.1, Yingbin Road, Economic Development Zone, Shangrao City,
Jiangxi Province, 334100, P.R. China

Factory inspection report no.: 862010534.002

Manufacturer 18: **Jinko Solar (Haining) Co., Ltd**
No.199, Xinyue Road, Huangwan Town, Haining City,
Zhejiang 314415, P.R.China

Factory inspection report no.: 862010595.001

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

Description of product(s):

Module types: **Double Glass PV Modules with 6" Poly-crystalline Silicon Solar Cells**

72 cells: JKMxxxPP-72-DV(xxx=250-350, with increments of 5W)

72 cells: JKMSxxxPP-72-DV(xxx=250-350, with increments of 5W)

72 cells: JKMxxxPP-72-DV-J(xxx=250-350, with increments of 5W)

72 cells: JKMSxxxPP-72-DV-J(xxx=250-350, with increments of 5W)

72 cells: JKMxxxPP-72-DV-F(xxx=250-350, with increments of 5W)

72 cells: JKMxxxPP-72-J4DV(xxx=250-350, with increments of 5W)

60 cells: JKMxxxPP-60-DV(xxx=210-290, with increments of 5W)

60 cells: JKMSxxxPP-60-DV(xxx=210-290, with increments of 5W)

60 cells: JKMxxxPP-60-DV-J(xxx=210-290, with increments of 5W)

60 cells: JKMSxxxPP-60-DV-J(xxx=210-290, with increments of 5W)

60 cells: JKMxxxPP-60-DV-F(xxx=210-290, with increments of 5W)

60 cells: JKMxxxPP-60-J4DV(xxx=210-290, with increments of 5W)

Maximum system voltage: 1500V

Fuse rating: 15A or 20A or 25A

Application class: Class A

Electrical protection class: Class II

Module types: **Double Glass PV Modules with 6" Poly-crystalline Silicon Half-cut Solar Cells**

144 half-cut cells: JKMxxxPP-72H-DV(xxx=250-350, with increments of 5W)

144 half-cut cells: JKMxxxPP-72H-J4DV(xxx=250-350, with increments of 5W)

120 half-cut cells: JKMxxxPP-60H-DV(xxx=210-290, with increments of 5W)

120 half-cut cells: JKMxxxPP-60H-J4DV(xxx=210-290, with increments of 5W)

Maximum system voltage: 1500V

Fuse rating: 15A or 20A or 25A

Application class: Class A

Electrical protection class: Class II

Module types: **Double Glass PV Modules with 6" Mono-crystalline Silicon Solar Cells**

72 cells: JKMxxxM-72-DV(xxx=250-420, with increments of 5W)

72 cells: JKMxxxM-72-DV-J (xxx=250-420, with increments of 5W)
72 cells: JKMSxxxM-72-DV(xxx=250-420, with increments of 5W)
72 cells: JKMSxxxM-72-DV-J(xxx=250-420, with increments of 5W)
72 cells: JKMSxxxM-72-DV-TI(xxx=250-420, with increments of 5W)
72 cells: JKMxxxM-72-BDV(xxx=300-420, with increments of 5W)
72 cells: JKMxxxM-72L-BDV(xxx=375-405, with increments of 5W)
72 cells: JKMxxxM-72-BDVP(xxx=315-420, with increments of 5W)
72 cells: JKMxxxM-72L-BDVP(xxx=370-410, with increments of 5W)
60 cells: JKMxxxM-60-DV(xxx=210-350, with increments of 5W)
60 cells: JKMxxxM-60-DV-J(xxx=210-350, with increments of 5W)
60 cells: JKMSxxxM-60-DV(xxx=210-350, with increments of 5W)
60 cells: JKMSxxxM-60-DV-J(xxx=210-350, with increments of 5W)
60 cells: JKMSxxxM-60-DV-TI(xxx=210-350, with increments of 5W)
60 cells: JKMxxxM-60-BDV(xxx=250-350, with increments of 5W)
60 cells: JKMxxxM-60L-BDV(xxx=310-335, with increments of 5W)
60 cells: JKMxxxM-60-BDVP(xxx=260-350, with increments of 5W)
60 cells: JKMxxxM-60L-BDVP(xxx=305-340, with increments of 5W)
60 cells: MMxxx-60LA-MGV(xxx=210-350, with increments of 5W)
60 cells: SMMxxx-60LA-MGV-TI(xxx=210-350, with increments of 5W)

Maximum system voltage: 1500V
Fuse rating: 15A or 20A or 25A
Application class: Class A
Electrical protection class: Class II

Module types: **Double Glass PV Modules with 6" Mono-crystalline Silicon Half-cut Solar Cells**
156 half-cut cells: JKSN3-DDCA-xxx(xxx=400-440, with increments of 5W)
156 half-cut cells: JKSM3-DDCA-xxx(xxx=400-450, with increments of 5W)
156 half-cut cells: JKMxxxM-78H-BDVP(xxx=415-455, with increments of 5W)
156 half-cut cells: JKMxxxN-78H-BDV(xxx=415-460, with increments of 5W)
156 half-cut cells: JKMxxxM-7RL3-BDVP(xxx=440-465, with increments of 5W)
156 half-cut cells: JKMxxxM-7RL3-BDVP-J(xxx=440-465, with increments of 5W)
156 half-cut cells: JKMxxxN-7RL3-BDV(xxx=440-490, with increments of 5W)

- 156 half-cut cells: JKMxxxM-78HL3-BDVP(xxx=430-485, with increments of 5W)
- 156 half-cut cells: JKMxxxM-78HL3-MBB-BDVP(xxx=430-485, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72H-BDV(xxx=300-420, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72HL-BDV(xxx=390-410, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72H-BDVP(xxx=375-430, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72HL-BDVP(xxx=375-430, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72H-DV(xxx=250-420, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72H-MBB-BDV(xxx=390-420, with increments of 5W)
- 144 half-cut cells: JKMxxxN-72H-MBB-BDV(xxx=370-445, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72H-MBB-BDVP(xxx=370-440, with increments of 5W)
- 144 half-cut cells: JKMxxxN-72H-MBB-BDV(xxx=390-415, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72HLM-BDVP(xxx=400-460, with increments of 5W)
- 144 half-cut cells: JKMSxxxM-72H-DV-TI(xxx=250-420, with increments of 5W)
- 144 half-cut cells: MMxxx-72HLA-MGV(xxx=250-420, with increments of 5W)
- 144 half-cut cells: SMMxxx-72HLA-MGV-TI(xxx=250-420, with increments of 5W)
- 132 half-cut cells: JKSN3-CDCA-xxx(xxx=340-370, with increments of 5W)
- 132 half-cut cells: JKSM3-CDCA-xxx(xxx=340-380, with increments of 5W)
- 132 half-cut cells: JKMxxxM-66H-BDVP(xxx=350-385, with increments of 5W)
- 132 half-cut cells: JKMxxxN-66H-BDV(xxx=350-385, with increments of 5W)
- 132 half-cut cells: JKMxxxM-6RL3-BDVP(xxx=375-390, with increments of 5W)
- 132 half-cut cells: JKMxxxM-6RL3-BDVP-J (xxx=375-390, with increments of 5W)
- 132 half-cut cells: JKMxxxN-6RL3-BDV(xxx=375-410, with increments of 5W)

132 half-cut cells: JKMxxxM-66HL3-BDVP(xxx=365-410, with increments of 5W)

132 half-cut cells: JKMxxxM-66HL3-MBB-BDVP(xxx=365-410, with increments of 5W)

120 half-cut cells: JKMxxxM-60H-BDV(xxx=250-350, with increments of 5W)

120 half-cut cells: JKMxxxM-60HL-BDV(xxx=325-340, with increments of 5W)

120 half-cut cells: JKMxxxM-60H-BDVP(xxx=310-355, with increments of 5W)

120 half-cut cells: JKMxxxM-60HL-BDVP(xxx=310-355, with increments of 5W)

120 half-cut cells: JKMxxxM-60H-DV(xxx=210-350, with increments of 5W)

120 half-cut cells: JKMxxxM-60H-MBB-BDV(xxx=330-350, with increments of 5W)

120 half-cut cells: JKMxxxN-60H-MBB-BDV(xxx=310-370, with increments of 5W)

120 half-cut cells: JKMxxxM-60H-MBB-BDVP(xxx=310-365, with increments of 5W)

120 half-cut cells: JKMxxxM-60HLM-BDVP(xxx=335-380, with increments of 5W)

120 half-cut cells: JKMSxxxM-60H-DV-TI(xxx=210-350, with increments of 5W)

120 half-cut cells: MMxxx-60HLA-MGV(xxx=210-350, with increments of 5W)

120 half-cut cells: SMMxxx-60HLA-MGV-TI(xxx=210-350, with increments of 5W)

Maximum system voltage: 1500V
Fuse rating: 15A or 20A or 25A
Application class: Class A
Electrical protection class: Class II

Module types: **Double Glass PV Modules with 7" Mono-crystalline Silicon Half-cut Solar Cells**

156 half-cut cells: JKMxxxN-7RL4-BDV(xxx=500-605, with increments of 5W)

156 half-cut cells: JKMxxxN-7RL4-BDV-J (xxx=500-595, with increments of 5W)

156 half-cut cells: JKMxxxM-7RL4-BDVP(xxx=490-595, with increments of 5W)

156 half-cut cells: JKMxxxM-7RL4-BDVP-J(xxx=490-595, with increments of 5W)

156 half-cut cells: JKMxxxN-78HL4-BDV (xxx=570-625, with increments of 5W)
156 half-cut cells: JKMxxxM-78HL4-BDVP(xxx=570-595, with increments of 5W)
144 half-cut cells: JKMxxxN-7TL4-BDV(xxx=465-555, with increments of 5W)
144 half-cut cells: J7rKMxxxN-7TL4-BDV-J (xxx=465-555, with increments of 5W)
144 half-cut cells: JKMxxxM-7TL4-BDVP(xxx=460-545, with increments of 5W)
144 half-cut cells: JKMxxxM-7TL4-BDVP-J(xxx=460-545, with increments of 5W)
144 half-cut cells: JKMxxxM-72HL4-BDVP(xxx=460-565, with increments of 5W)
144 half-cut cells: JKMxxxM-72HL4-BDVP-J(xxx=460-550, with increments of 5W)
144 half-cut cells: JKMxxxN-72HL4-BDV(xxx=460-575, with increments of 5W)
144 half-cut cells: JKMxxxN-72HL4-BDV-J (xxx=460-565, with increments of 5W)
132 half-cut cells: JKMxxxM-66HL4-BDVP(xxx=425-500, with increments of 5W)
132 half-cut cells: JKMxxxM-6RL4-BDVP(xxx=425-500, with increments of 5W)
132 half-cut cells: JKMxxxN-66HL4-BDV(xxx=425-520, with increments of 5W)
132 half-cut cells: JKMxxxN-6RL4-BDV(xxx=425-510, with increments of 5W)
120 half-cut cells: JKMxxxM-60HL4-BDVP(xxx=385-455, with increments of 5W)
120 half-cut cells: JKMxxxN-60HL4-BDV(xxx=385-470, with increments of 5W)
120 half-cut cells: JKMxxxM-6TL4-BDVP(xxx=385-455, with increments of 5W)
120 half-cut cells: JKMxxxN-6TL4-BDV(xxx=385-465, with increments of 5W)
108 half-cut cells: JKMxxxM-54HL4-BDVP(xxx=345-450, with increments of 5W)
108 half-cut cells: JKMxxxN-54HL4-BDV(xxx=345-425, with increments of 5W)
108 half-cut cells: JKMxxxM-5RL4-BDVP(xxx=345-410, with increments of 5W)
108 half-cut cells: JKMxxxN-5RL4-BDV(xxx=350-415, with increments of 5W)

96 half-cut cells: JKBSxxxN-48HL4-BDV(xxx=355-380, with increments of 5W)

45 half-cut cells: JKBSxxxN-22.5HL4-BDV(xxx=165-180, with increments of 5W)

Maximum system voltage: 1500V

Fuse rating: 25A or 30A

Application class: Class A

Electrical protection class: Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) attached to test report 492011192.018.