

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):

PV Modules with 6" Mono-crystalline Silicon Solar Cells

PV Modules with 6" Poly-crystalline Silicon Solar Cells

PV Modules with 6" Mono-crystalline Silicon Half Cut Solar Cells

PV Modules with 7" Mono-crystalline Silicon Half Cut Solar Cells

PV Modules with 6" Poly-crystalline Silicon Half Cut Solar Cells

Valid until: 2021-09-28

Tested according to: IEC 61701:2011 / EN 61701:2012 Severity 6.
Registered No.: 44 780 19 406749 - 410R3A3M4
Manufacturer: see Annex 1
Test Report No.: 492010705.015
File No.: PVP09045/20P-05



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Essen, 2020-12-28

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.: 862010818.008
- Manufacturer 2: **Zhejiang Jinko Solar Co., Ltd.**
Yuan Xi Road, Technical Functional Zone, Yuan Hua Town
Haining City, Zhejiang Province, 314416, P. R. China
Factory inspection report no.: 862010206.008
- Manufacturer 3: **Jinko Solar Technology Sdn Bhd**
2481, Tingkat Perusahaan 4A, Kawasan Perusahaan Bebas Perai, 13600
Perai, Penang, Malaysia
Factory inspection report no.: 862010278.005
- 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.: 862010305.005
- Manufacturer 5: **Jinko Solar Technology Sdn Bhd**
2522, Lorong Perusahaan 4, Kawasan Perusahaan Bebas Perai, Phase 1
13600 Perai, Penang
Factory inspection report no.: 862010306.004
- Manufacturer 6: **Jinko Solar Technology Sdn Bhd**
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai
Tengah, 13600 Prai, Penang
Factory inspection report no.: 862010307.004
- 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.: 862010318.004



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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.: 862010340.004

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.: 862010380.003

Manufacturer 10: **Tangshan Haitai New Energy Technology Co., Ltd.**
Yutai Industrial Zone, Yutian, Tangshan City
Hebei Province, 064100, P. R. China
Factory inspection report no.: 862010337.004

Manufacturer 11: **Jinko Solar Technology Sdn Bhd.**
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone,
13600 Perai, Penang Malaysia
Factory inspection report no.: 862010416.002

Manufacturer 12: **Jinko Solar Technology Sdn Bhd.**
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone,
13600 Perai, Penang, Malaysia
Factory inspection report no.: 862010417.002

Manufacturer 13: **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.: 862010420.002

Manufacturer 14: **GuangDong FiveStar Solar Energy Co., Ltd.**
No.1, the 1st Industry Zone Road, Liuchongwei, Wanjiang District
Dongguan City, Guangdong Province, 523051, P. R. China
Factory inspection report no.: 862010424.002



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Manufacturer 15: **Jinko Solar (U.S.) Industries Inc.**
4660 Pow-Mia Memorial Parkway, Suite 200, Jacksonville, FL, 32221,
USA.

Factory inspection report no.: 862010440.001

Manufacturer 16: **Jiangsu Jinko Day sheng Solar Co., Ltd.**
No.228 Yuesheng North Road Industry center, Fanshui Town, Baoying
County, Yangzhou City, Jiangsu Province, P.R. China

Factory inspection report no.: 862010372.003

Manufacturer 17: **Nantong Peng Neng Industrial Co., Ltd.**
Two groups of Jinqiao village, Cha He Town
Rudong County, Jiangsu Province, 226400, P.R. China

Factory inspection report no.: 862010433.002

Manufacturer 18: **Jinko Solar Technology (Haining) Co., Ltd.**
No. 89 Lianhong Road, Yuanhua Town, Haining City
Zhejiang Province, P.R. China

Factory inspection report no.: 862010467.002

Manufacturer 19: **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.: 862010491.001

Manufacturer 20: **Jinko Solar (Yiwu) Co., Ltd.**
1555# Chengxin Road, Niansanli street,
Yiwu city, Zhejiang Province, P.R. China

Factory inspection report no.: 862010488.001

Remark:

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



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Description of product(s):

Module types:

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: 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: 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)

48 cells: JKMxxxM-48-DV (xxx=170-250, with increments of 5W)

48 cells: JKMxxxM-48-DV-J (xxx=170-250, with increments of 5W)

48 cells: JKMSxxxM-48-DV (xxx=170-250, with increments of 5W)

48 cells: JKMSxxxM-48-DV-J (xxx=170-250, with increments of 5W)

36 cells: JKMxxxM-36-DV (xxx=145-170, with increments of 5W)

36 cells: JKMxxxM-36-DV-J (xxx=145-170, with increments of 5W)

36 cells: JKMSxxxM-36-DV (xxx=145-170, with increments of 5W)

36 cells: JKMSxxxM-36-DV-J (xxx=145-170, with increments of 5W)

Maximum system voltage:

1500V

Fuse rating:

20A or 25A

Application class:

Class A

Electrical protection class:

Class II

Module types:

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-J4DV (xxx=250-350, with increments of 5W)

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

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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-J4DV (xxx=210-290, with increments of 5W)
48 cells: JKMxxxPP-48-DV (xxx=170-230, with increments of 5W)
48 cells: JKMSxxxPP-48-DV (xxx=170-230, with increments of 5W)
48 cells: JKMxxxPP-48-DV-J (xxx=170-230, with increments of 5W)
48 cells: JKMSxxxPP-48-DV-J (xxx=170-230, with increments of 5W)
48 cells: JKMxxxPP-48-J4DV (xxx=170-230, with increments of 5W)
36 cells: JKMxxxPP-36-DV (xxx=145-170, with increments of 5W)
36 cells: JKMSxxxPP-36-DV (xxx=145-170, with increments of 5W)
36 cells: JKMxxxPP-36-DV-J (xxx=145-170, with increments of 5W)
36 cells: JKMSxxxPP-36-DV-J (xxx=145-170, with increments of 5W)
36 cells: JKMxxxPP-36-J4DV (xxx=145-170, with increments of 5W)

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

Module types:

PV Modules with 6" Mono-crystalline Silicon Half Cut Solar Cells:

156 half-cut cells: JKSM3-DDCA-xxx (xxx=400-450, with increments of 5W)
156 half-cut cells: JKSN3-DDCA-xxx (xxx=405-435, 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)
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)
144 half-cut cells: JKMxxxM-72H-BDVP (xxx=375-430, with increments of 5W)



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- 144 half-cut cells: JKMxxxM-72HL-BDVP (xxx=375-430, 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: 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: JKMxxxM-72HLM-BDVP (xxx=400-460, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72H-DV (xxx=250-420, with increments of 5W)
- 132 half-cut cells: JKSM3-CDCA-XXX (xxx=340-380, with increments of 5W)
- 132 half-cut cells: JKSN3-CDCA-xxx (xxx=345-365, 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)
- 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)
- 120 half-cut cells: JKMxxxM-60H-DV (xxx=210-350, 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-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-MBB-BDVP (xxx=315-345, with increments of 5W)



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	120 half-cut cells: JKMxxxM-60HLM-BDVP (xxx=335-380, with increments of 5W)
	96 half-cut cells: JKMxxxM-48H-DV (xxx=170-250, with increments of 5W)
	72 half-cut cells: JKMxxxM-36H-DV (xxx=150-180, with increments of 5W)
Maximum system voltage:	1500V
Fuse rating:	20A or 25A
Application class:	Class A
Electrical protection class:	Class II

Module types:

PV Modules with 7" Mono-crystalline Silicon Half Cut Solar Cells:

- 156 half-cut cells: JKMxxxM-7RL4-BDVP (xxx=490-595, with increments of 5W)
- 156 half-cut cells: JKMxxxN-7RL4-BDV (xxx=500-605, with increments of 5W)
- 156 half-cut cells: JKMxxxN-7RL4-BDV-J (xxx=530-595, with increments of 5W)
- 156 half-cut cells: JKMxxxM-7RL4-BDVP-J (xxx=490-595, with increments of 5W)
- 144 half-cut cells: JKMxxxM-7TL4-BDVP (xxx=460-545, with increments of 5W)
- 144 half-cut cells: JKMxxxN-7TL4-BDV (xxx=465-555, with increments of 5W)
- 144 half-cut cells: JKMxxxN-7TL4-BDV-J (xxx=490-545, 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=460-550, with increments of 5W)
- 144 half-cut cells: JKMxxxN-72HL4-BDV (xxx=460-555, with increments of 5W)
- 144 half-cut cells: JKMxxxN-72HL4-BDV-J (xxx=480-550, with increments of 5W)
- 144 half-cut cells: JKMxxxM-72HL4-BDVP-J (xxx=460-550, with increments of 5W)
- 132 half-cut cells: JKMxxxM-66HL4-BDVP (xxx=425-500, with increments of 5W)
- 132 half-cut cells: JKMxxxN-66HL4-BDV (xxx=425-510, with increments of 5W)
- 132 half-cut cells: JKMxxxM-6RL4-BDVP (xxx=425-500, with increments of 5W)



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	132 half-cut cells: JKMxxxN-6RL4-BDV (xxx=425-510, 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)
	120 half-cut cells: JKMxxxM-60HL4-BDVP (xxx=385-455, with increments of 5W)
	120 half-cut cells: JKMxxxN-60HL4-BDV (xxx=385-465, with increments of 5W)
	108 half-cut cells: JKMxxxM-54HL4-BDVP (xxx=345-410, with increments of 5W)
	108 half-cut cells: JKMxxxN-54HL4-BDV (xxx=345-415, 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)
Maximum system voltage:	1500V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
Module types:	PV Modules with 6" Poly-crystalline Silicon Half Cut Solar Cells:
	144 half-cut cells: JKMxxxPP-72H-J4DV (xxx=250-350, with increments of 5W)
	144 half-cut cells: JKMxxxPP-72H-DV (xxx=250-350, with increments of 5W)
	120 half-cut cells: JKMxxxPP-60H-J4DV (xxx=210-290, with increments of 5W)
	120 half-cut cells: JKMxxxPP-60H-DV (xxx=210-290, with increments of 5W)
	96 half-cut cells: JKMxxxPP-48H-DV (xxx=170-230, with increments of 5W)
	96 half-cut cells: JKMxxxPP-48H-J4DV (xxx=170-230, with increments of 5W)
	72 half-cut cells: JKMxxxPP-36H-DV (xxx=145-170, with increments of 5W)
	72 half-cut cells: JKMxxxPP-36H-J4DV (xxx=145-170, with increments of 5W)
Maximum system voltage:	1500V



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Anlage 2 zum Zertifikat Nr.: / *Annex 2 to Certificate No.:* **44 780 19 406749 - 410R3A3M4**

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Aktenzeichen: / *File reference:* **PVP09045/20P-05**

2020-12-28

Fuse rating: 20A
Application class: Class A
Electrical protection class: Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.

A handwritten signature in blue ink, appearing to read "Rogers".

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