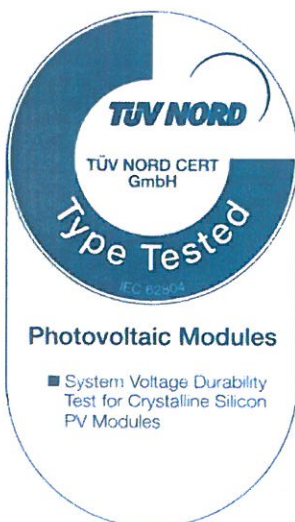


**TÜV NORD CERT GmbH**  
herewith declares that

**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**

Tested according to: IEC 62804 Ed. 1.0 Draft (82/685/NP)  
Remark: Temperature: 85°C; Relative humidity: 85%  
Registered No.: 44 780 18 406749 - 224A2  
Manufacturer: see Annex 1  
Test Report No.: 492010428.037  
File No.: SHV06080/18-01

Valid until: 2023-09-16



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Consumer Products



Essen, 2018-09-17

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.:

862010818.005

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.:

862010206.005

Manufacturer 3:

**JINKO SOLAR TECHNOLOGY SDN. BHD.**

2481, Tingkat Perusahaan 4, Kawasan Perusahaan Bebas Perai  
13600 Perai, Penang, Malaysia

Factory inspection report no.:

862010278.003

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.:

862010305.002

Manufacturer 5:

**BOVIET SOLAR TECHNOLOGY CO., LTD.**

B5-B6, Song Khe-Noi Hoang Industrial Zone  
2100 BacGiang Province, Vietnam

Factory inspection report no.:

862010309.002

Manufacturer 6:

**JINKO SOLAR TECHNOLOGY SDN. BHD.(P2)**

2522, Lorong Perusahaan 4, Kawasan Perusahaan Bebas Perai, Phase 1  
13600 Perai, Penang, Malaysia

Factory inspection report no.:

862010306.002



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Consumer Products

Manufacturer 7: **JINKO SOLAR TECHNOLOGY SDN. BHD.(P3)**  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai  
Tengah, Penang, Malaysia

Factory inspection report no.: 862010307.002

Manufacturer 8: **PROJINKO SOLAR PORTUGAL, UNIPESSOAL, LDA**  
Moura Technological Pole, Lot 1  
7860-076 MOURA, PORTUGAL

Factory inspection report no.: 862010248.003

Manufacturer 9: **VINA SOLAR TECHNOLOGY CO., LTD.**  
Van Trung Industrial park, Viet Yien District  
Bac Giang Province, Vietnam

Factory inspection report no.: 862010318.002

Manufacturer 10: **YuhuanJinkosolar 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.: 862010340.001

Manufacturer 11: **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.: 862010372.001

Manufacturer 12: **Jinko Solar Co., Ltd. (fifth factory)**  
NO.1 YingBin Road, Shangrao Economic Development Zone  
334100, P.R. China

Factory inspection report no.: 862010380.001



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products

Manufacturer 13: **Jiangsu Hong De Technology Development Co., Ltd.**  
Tianshan Industrial Park Gaoyou City, Jiangsu P. R. China  
Factory inspection report no.: 862010396.001

Manufacturer 14: **Tangshan Haitai New Energy Technology Co., Ltd.**  
No.88 Haomen road, Yutai industrial zone, Yutian, 064100, Tangshan Hebei  
P.R.China  
Factory inspection report no.: 862010389.001

Manufacturer 15: **Laiwu Kelin Solar Power Co., Ltd.**  
Room 101, No. 7 Zhenxing Road, Laiwu Economic Development Zone  
Shandong Province 271100 P. R. China  
Factory inspection report no.: 862010337.002

Manufacturer 16: **Jiujiang SUNID Tech Co., Ltd.**  
No. 1 Jinxiu Road Export Processing Zone  
Jiujiang, Jiangxi Province, 332100, P.R. China  
Factory inspection report no.: 862010393.001

Manufacturer 17: **Xuzhou Jiayu Solar Energy Technology Co., Ltd.**  
North of Peigong Road, East of Hankang Road, Peixian Economic  
Development Zone, Xuzhou City Jiangsu Province, 221000, P.R. China  
Factory inspection report no.: 862010371.001

Manufacturer 18: **Sunspark Technology Inc.**  
3080 12th Street, Riverside, California 90507, U.S.A  
Factory inspection report no.: 862010391.001

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" Poly-crystalline Silicon Solar Cells:**

- 72 cells: JKMxxxP-72(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxP-72B(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxP-72-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxP-72-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxP-72-J4-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxP-72B-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxP-72B-J4-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72B(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72H(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72H-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72HB(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72-J4(Plus) (xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72-J4-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72B-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72B-J4-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72(Plus)(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72(Plus)-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMxxxPP-72-W(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72B(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72-J4-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72B-J4(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxP-72B-J4-J(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxPP-72(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxPP-72B(xxx=250-350, with increments of 5W)
- 72 cells: JKMSxxxPP-72-J(xxx=250-350, with increments of 5W)



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products

72 cells: JKMSxxxPP-72-J4(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72-J4(Plus) (xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72-J4-J(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72B-J4(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72B-J4-J(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72(Plus)(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72(Plus)-J(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72-W(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72-MX(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72B-MX (xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72-J4-MX(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72B-J4-MX(xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72(Plus)-MX (xxx=250-350, with increments of 5W)  
72 cells: JKMSxxxPP-72-W-MX(xxx=250-350, with increments of 5W)  
72 cells: JKMxxxPP-72H(xxx=250-350, with increments of 5W)  
72 cells: JKMxxxPP-72HB(xxx=250-350, with increments of 5W)  
72 cells: JKMxxxPP-72H-J4(xxx=250-350, with increments of 5W)  
60 cells: JKMxxxP-60(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxP-60B(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxP-60-J(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxP-60-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxP-60-J4-J(xxx=210-290,with increments of 5W))  
60 cells: JKMxxxP-60B-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxP-60B-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60B(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60-J(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60H(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60H-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60HB(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60-J4(Plus) (xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60B-J4(xxx=210-290, with increments of 5W)



TÜV NORD CERT GmbH  
Certification Body  
Consumer Products

60 cells: JKMxxxPP-60B-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60(Plus)(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60(Plus)-J(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60-W(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60B(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60B-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxP-60B-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60B(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-J4(Plus) (xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60B-J4(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60B-J4-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60(Plus)(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60(Plus)-J(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-W(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-MX(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60B-MX (xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-J4-MX(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60B-J4-MX(xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60(Plus)-MX (xxx=210-290, with increments of 5W)  
60 cells: JKMSxxxPP-60-W-MX(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60H(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60HB(xxx=210-290, with increments of 5W)  
60 cells: JKMxxxPP-60H-J4 (xxx=210-290, with increments of 5W)  
48 cells: JKMxxxP-48 (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxP-48B (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxP-48-J (xxx=170-230, with increments of 5W)



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products

48 cells: JKMxxxP-48-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxP-48-J4-J(xxx=170-230, with increments of 5W)  
48 cells: JKMxxxP-48B-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxP-48B-J4-J (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48 (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48B (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48-J (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48-J4(Plus) (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48-J4-J(xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48B-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48B-J4 -J(xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48(Plus) (xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48(Plus)-J(xxx=170-230, with increments of 5W)  
48 cells: JKMxxxPP-48-W (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48 (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48B (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48-J (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48-J4-J(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48B-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxP-48B-J4-J (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48 (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48B (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-J (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-J4(Plus) (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48B-J4 (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-J4-J(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48B-J4-J (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48(Plus) (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48(Plus)-J(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-W (xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-MX(xxx=170-230, with increments of 5W)



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products



48 cells: JKMSxxxPP-48B-MX(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-J4-MX(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48B-J4-MX(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48(Plus)-MX(xxx=170-230, with increments of 5W)  
48 cells: JKMSxxxPP-48-W-MX(xxx=170-230, with increments of 5W)

Remark: Module types with "H" use all types of half-cut cell

Maximum system voltage: 1000V  
Fuse rating: 20A  
Application class: Class A  
Electrical protection class: Class II

Module types:

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

72 cells: JKMxxxM-72(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72B(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72-J(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72H(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72HB(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72(Plus)(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72B(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72-J(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72(Plus)(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72-MX(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72B-MX(xxx=250-405, with increments of 5W)  
72 cells: JKMSxxxM-72(Plus)-MX(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72H(xxx=250-405, with increments of 5W)  
72 cells: JKMxxxM-72HB(xxx=250-405, with increments of 5W)  
60 cells: JKMxxxM-60(xxx=210-335, with increments of 5W)  
60 cells: JKMxxxM-60B(xxx=210-335, with increments of 5W)  
60 cells: JKMxxxM-60-J(xxx=210-335, with increments of 5W)  
60 cells: JKMxxxM-60H(xxx=210-335, with increments of 5W)  
60 cells: JKMxxxM-60HB(xxx=210-335, with increments of 5W)



TÜV NORD CERT GmbH  
Certification Body  
Consumer Products

60 cells: JKMxxxM-60(Plus)(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60B(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60-J(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60(Plus)(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60-MX(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60B-MX(xxx=210-335, with increments of 5W)  
60 cells: JKMSxxxM-60(Plus)-MX(xxx=210-335, with increments of 5W)  
60cells: JKMxxxM-60H(xxx=210-335, with increments of 5W)  
60cells: JKMxxxM-60HB(xxx=210-335, with increments of 5W)  
48 cells: JKMxxxM-48 (xxx=170-250, with increments of 5W)  
48 cells: JKMxxxM-48B(xxx=170-250, with increments of 5W)  
48 cells: JKMxxxM-48-J (xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48 (xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48B(xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48-J(xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48(Plus)(xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48-MX(xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48B-MX(xxx=170-250, with increments of 5W)  
48 cells: JKMSxxxM-48(Plus)-MX(xxx=170-250, with increments of 5W)

Remark: Module types with "H" use all types of half-cut cell

Maximum system voltage: 1000V  
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.



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