

# 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" Poly-crystalline Silicon Solar Cells  
PV Modules with 6" Poly-crystalline Silicon Half-cut Solar Cells  
PV Modules with 6" Mono-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 8" Mono-crystalline Silicon Half-cut Solar Cells



Valid from: 2021-10-09  
Valid until: 2025-07-08

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 - 120R10A6M13
Manufacturer:	see Annex 1
Test Report No.:	492011447.014
File No.:	PVP07013/21P-02



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Essen, 2021-10-09

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer 1:	<b>Jinko Solar Co., Ltd.</b> No.1, Jinko Road, Shangrao Economic Development Zone Shangrao City, Jiangxi Province, 334100, P.R. China
Factory inspection report no.:	862010818.009
Manufacturer 2:	<b>Zhejiang Jinko Solar Co., Ltd.</b> 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:	<b>Jinko Solar Technology Sdn Bhd.</b> 2481, Tingkat Perusahaan 4A, Kawasan Perusahaan Bebas Perai 13600, Perai, Penang, Malaysia
Factory inspection report no.:	862010278.006
Manufacturer 4:	<b>Zhejiang Jinko Solar Co., Ltd.</b> No.35 Haishi Road, Jianshan New District Haining City, Zhejiang Province. 314415, P.R. China
Factory inspection report no.:	862010305.005
Manufacturer 5:	<b>Jinko Solar Technology Sdn Bhd. (P2)</b> 2522, Lorong Perusahaan 4, Kawasan Perusahaan Bebas Perai, Phase 1, 13600, Perai, Penang
Factory inspection report no.:	862010306.005
Manufacturer 6:	<b>Jinko Solar Technology Sdn Bhd. (P3)</b> Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah, 13600 Perai, Penang
Factory inspection report no.:	862010307.005
Manufacturer 7:	<b>Vina Solar Technology Co., Ltd.</b> 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.: 862010340.005
- 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: **Jiangsu Focus New Energy Technology Co., Ltd.**  
No. 66, Lifa Avenue Development Zone, Hai'an County  
Nantong City, Jiangsu Province, 226600, P. R. China  
Factory inspection report no.: 862010410.003
- Manufacturer 11: **Jinko Solar Technology Sdn. Bhd. (P5)**  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Penang, Malaysia  
Factory inspection report no.: 862010416.003
- Manufacturer 12: **Jinko Solar Technology Sdn Bhd. (P6)**  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Penang, Malaysia  
Factory inspection report no.: 862010417.003
- 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.: 862010420.003
- Manufacturer 14: **Jinko Solar (U.S.) Industries Inc.**  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville, FL, 32221, USA  
Factory inspection report no.: 862010440.002



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Manufacturer 15:	<b>Jinko Solar Technology (Haining) Co., Ltd.</b> No. 89, Lianhong Road, Yuanhua Town, Haining City, Jiaxing City, Zhejiang, P.R. China
Factory inspection report no.:	862010467.002
Manufacturer 16:	<b>Jinko Solar (Yiwu) Co., Ltd.</b> 1555# Chengxin Road, Niansanli street Yiwu city, Zhejiang Province, P.R. China
Factory inspection report no.:	862010488.002
Manufacturer 17:	<b>Jinko Solar (Chuzhou) Co., Ltd.</b> No. 18 Liming Road, Lai'an Economic Development Zone Chuzhou City, Anhui Province, P.R. China
Factory inspection report no.:	862010491.002
Manufacturer 18:	<b>VIETNAM SUNERGY JOINT STOCK COMPANY</b> Lot III - Dong Vang, Dinh Tram Industrial Park, Hoang Ninh Commune Viet Yen District, Bac Giang Province, Vietnam
Factory inspection report no.:	862010516.001
Manufacturer 19:	<b>GREEN WING SOLAR TECHNOLOGY CO., LTD.</b> Lot D1-1, Dai Dong-Hoan Son Industrial Zone, Hoan Son Commune, Tien Du District, Bac Ninh Province VIETNAM
Factory inspection report no.:	862010522.001
Manufacturer 20:	<b>Jinko Solar (Shangrao) Co., Ltd.</b> No.1, Yingbin Road, Economic Development Zone, Shangrao City, Jiangxi Province, 334100, P.R. China
Factory inspection report no.:	862010534.001
Manufacturer 21:	<b>Mecen Solar Vina Co., Ltd.</b> Lot CN2-2 and CN9-4, Yen Phong Industrial Park (expanded area), Yen Trung Commune, Yen Phong District, Bac Ninh Province, Vietnam
Factory inspection report no.:	862010544.001



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Manufacturer 22: **Green Wing Solar Technology VietNam CO., LTD**  
Leasing workshop of Hai Cuong Phat Co., Ltd at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune, Que Vo District, Bac Ninh Province, Vietnam

Factory inspection report no.: 862010542.001

Manufacturer 23: **Jinko Solar (Malaysia) Sdn Bhd**  
Lot 393, Jalan Perusahaan Valdor  
Kawasan Perindustrian Valdor,  
14110 Simpang Ampat, Pulau Pinang, Malaysia.

Factory inspection report no.: 862010548.001

Manufacturer 24: **Jinko Solar Technology Sdn Bhd**  
NO 1412, LORONG PERUSAHAAN 1, KAWASAN PERINDUSTRIAN PERAI, 13600 PERAI, PULAU PINANG

Factory inspection report no.: 862010572.001

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=250-390, with increments of 5)  
72 cells: JKMxxxP-72B(xxx=250-390, with increments of 5)  
72 cells: JKMxxxP-72-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxP-72-J4(xxx=250-390, with increments of 5)  
72 cells: JKMxxxP-72-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxP-72B-J4(xxx=250-390, with increments of 5)  
72 cells: JKMxxxP-72B-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72B(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72-J4(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72-J4(Plus) (xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72B-J4(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72B-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72(Plus)(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72(Plus)-J(xxx=250-390, with increments of 5)  
72 cells: JKMxxxPP-72-W(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72B(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72-J4(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72B-J4(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxP-72B-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72B(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-J4(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-J4(Plus) (xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72B-J4(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72B-J4-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72(Plus)(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72(Plus)-J(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-W(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-MX(xxx=250-390, with increments of 5)



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72 cells: JKMSxxxPP-72B-MX (xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-J4-MX(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72B-J4-MX(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72(Plus)-MX (xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-W-MX(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72-MX3(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72B-MX3(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72L-MX3(xxx=250-390, with increments of 5)  
72 cells: JKMSxxxPP-72BL-MX3(xxx=320-355, with increments of 5)  
60 cells: JKMxxxP-60(xxx=210-325, with increments of 5)  
60 cells: JKMxxxP-60B(xxx=210-325, with increments of 5)  
60 cells: JKMxxxP-60-J(xxx=210-325, with increments of 5)  
60 cells: JKMxxxP-60-J4(xxx=210-325, with increments of 5)  
60 cells: JKMxxxP-60-J4-J(xxx=210-325,with increments of 5)  
60 cells: JKMxxxP-60B-J4(xxx=210-325,with increments of 5)  
60 cells: JKMxxxP-60B-J4-J(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60B(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60-J(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60-J4(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60-J4(Plus) (xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60-J4-J(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60B-J4(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60B-J4-J(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60(Plus)(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60(Plus)-J(xxx=210-325, with increments of 5)  
60 cells: JKMxxxPP-60-W(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60B(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60-J(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60-J4(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60-J4-J(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60B-J4(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxP-60B-J4-J(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60B(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-J(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-J4(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-J4(Plus) (xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-J4-J(xxx=210-325, with increments of 5)



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60 cells: JKMSxxxPP-60B-J4(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60B-J4-J(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60(Plus)(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60(Plus)-J(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-W(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-MX(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60B-MX (xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-J4-MX(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60B-J4-MX(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60(Plus)-MX (xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-W-MX(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-MX3(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60B-MX3(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60L-MX3(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60BL-MX3(xxx=260-290, with increments of 5)

Maximum system voltage: 1000V  
Fuse rating: 15A or 20A or 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(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72HB(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72H-J4(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72H(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72H-J4(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72HB(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72H-MX3(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72HB-MX3(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72HL-MX3(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72HBL-MX3(xxx=320-355, with increments of 5)  
120 half-cut cells: JKMxxxPP-60H(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMxxxPP-60HB(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMxxxPP-60H-J4 (xxx=210-325, with increments of 5)  
120 half-cut cells: JKMxxxPP-60H(xxx=210-325, with increments of 5)



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120 half-cut cells: JKMxxxPP-60H-J4(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMxxxPP-60HB(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60H-MX3(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60HB-MX3(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60HL-MX3(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60HBL-MX3(xxx=260-315, with increments of 5)

Maximum system voltage: 1000V  
Fuse rating: 15A or 20A or 25A  
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=250-420, with increments of 5)  
72 cells: JKMxxxM-72B(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72BL(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72-J(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72L(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72(Plus)(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72B(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-J(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72(Plus)(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-MX(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72L-MX(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72B-MX(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72BL-MX(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72(Plus)-MX(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-MX3(xxx=250-395, with increments of 5)  
72 cells: JKMSxxxM-72B-MX3(xxx=250-395, with increments of 5)  
72 cells: JKMSxxxM-72L-MX3(xxx=250-395, with increments of 5)  
72 cells: JKMSxxxM-72BL-MX3(xxx=335-395, with increments of 5)  
72 cells: MMxxx-72LA-MB(xxx=335-410, with increments of 5)  
72 cells: MMxxx-72LA-AB(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-MB(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-MB-TI(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-AB-TI(xxx=335-410, with increments of 5)



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72 cells: SMMxxx-72LA-MB-MX3(xxx=335-395, with increments of 5)  
72 cells: SMMxxx-72LA-AB-MX3(xxx=335-395, with increments of 5)  
72 cells: JKMSxxxM-72-TI(xxx=335-410, with increments of 5)  
72 cells: JKMSxxxM-72L-TI(xxx=335-410, with increments of 5)  
72 cells: JKMSxxxM-72B-TI(xxx=335-410, with increments of 5)  
72 cells: JKMSxxxM-72BL-TI(xxx=335-410, with increments of 5)  
60 cells: JKMxxxM-60(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60B(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60BL(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60-J(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60L(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60(Plus)(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60B(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-J(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60(Plus)(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-MX(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60L-MX(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60B-MX(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60BL-MX(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60(Plus)-MX(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-MX3(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60B-MX3(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60BL-MX3(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60L-MX3(xxx=210-350, with increments of 5)  
60 cells: MMxxx-60LA-AB(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-MB-TI(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-AB-TI(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-MB-MX3(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-AB-MX3(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60-TI(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60L-TI(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60B-TI(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60BL-TI(xxx=270-340, with increments of 5)

Maximum system voltage: 1000V  
Fuse rating: 15A or 20A or 25A  
Application class: Class A  
Electrical protection class: Class II



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## Module types:

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

- 156 half-cut cells: JKSM3-DFCA-xxx(xxx=400-465,with increments of 5)
- 156 half-cut cells: JKSM3-DHCA-xxx(xxx=400-480, with increments of 5)
- 156 half-cut cells: JKSN3-DHCA-xxx(xxx=410-465,with increments of 5)
- 156 half-cut cells: JKMxxxM-78H (xxx=405-465, with increments of 5)
- 156 half-cut cells: JKMxxxM-78H-MBB(xxx=440-465, with increments of 5)
- 156 half-cut cells: JKMSxxxM-78H-MBB-MX3 (xxx=440-465, with increments of 5)
- 156 half-cut cells: JKMSxxxM-78H-TI(xxx=405-465, with increments of 5)
- 156 half-cut cells: JKMxxxM-78HB(xxx=405-435, with increments of 5)
- 156 half-cut cells: JKMSxxxM-78HB-TI(xxx=405-435, with increments of 5)
- 156 half-cut cells: JKMxxxM-78H-T(xxx=405-455, with increments of 5)
- 156 half-cut cells: JKMxxxN-78H-T(xxx=410-460, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-J(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMSxxxM-7RL3-TI(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3(xxx=430-490, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-J(xxx=430-490, with increments of 5)
- 156 half-cut cells: JKMSxxxN-7RL3-TI(xxx=430-490, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-T(xxx=420-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-T-J(xxx=420-475, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-T(xxx=425-475, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-T-J(xxx=425-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-B(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-B(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMSxxxM-7RL3-B-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMSxxxN-7RL3-B-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: MMxxx-78HLA-MB(xxx=405-465, with increments of 5)
- 156 half-cut cells: MMxxx-78HLA-MB-MBB(xxx=440-465, with increments of 5)
- 156 half-cut cells: SMMxxx-78HLA-MB-TI(xxx=405-465, with increments of 5)
- 156 half-cut cells: MMxxx-78HLA-AB(xxx=405-435, with increments of 5)



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156 half-cut cells: SMMxxx-78HLA-AB-TI(xxx=405-435, with increments of 5)  
156 half-cut cells: MMxxx-7RLC-MB(xxx=430-475, with increments of 5)  
156 half-cut cells: SMMxxx-7RLC-MB-TI(xxx=430-475, with increments of 5)  
156 half-cut cells: MMxxx-7RLC-AB(xxx=425-480, with increments of 5)  
156 half-cut cells: SMMxxx-7RLC-AB-TI(xxx=425-480, with increments of 5)  
156 half-cut cells: MNxxx-7RLC-AB(xxx=425-480, with increments of 5)  
156 half-cut cells: SMNxxx-7RLC-AB-TI(xxx=425-480, with increments of 5)  
156 half-cut cells: MNxxx-7RLC-MB(xxx=430-490, with increments of 5)  
156 half-cut cells: SMNxxx-7RLC-MB-TI(xxx=430-490, with increments of 5)  
144 half-cut cells: JKMxxxM-72H(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMxxxM-72HL(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMxxxM-72HB(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMxxxM-72HBL(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMSxxxM-72H-TI(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMSxxxM-72HL-TI(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMSxxxM-72HB-TI(xxx=250-425, with increments of 5)  
144 half-cut cells: JKMSxxxM-72HBL-TI (xxx=250-425, with increments of 5)  
144 half-cut cells: JKMxxxM-72H(xxx=250-420, with increments of 5)  
144 half-cut cells: JKMSxxxM-72H-MX3(xxx=250-395, with increments of 5)  
144 half-cut cells: JKMSxxxM-72HB-MX3(xxx=250-395, with increments of 5)  
144 half-cut cells: JKMSxxxM-72HL-MX3(xxx=250-395, with increments of 5)  
144 half-cut cells: JKMxxxM-72H-T(xxx=375-455, with increments of 5)  
144 half-cut cells: JKMxxxM-72HL-T(xxx=375-455, with increments of 5)  
144 half-cut cells: JKMxxxM-72HL-T-Q(xxx=375-425, with increments of 5)  
144 half-cut cells: JKMxxxN-72H-T(xxx=375-455, with increments of 5)  
144 half-cut cells: JKMxxxN-72HL-T(xxx=375-455, with increments of 5)  
144 half-cut cells: MMxxx-72HLA-MB(xxx=335-425, with increments of 5)  
144 half-cut cells: MMxxx-72HLA-AB(xxx=335-425, with increments of 5)  
144 half-cut cells: SMMxxx-72HLA-MB-TI(xxx=335-425, with increments of 5)



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- 144 half-cut cells: SMMxxx-72HLA-AB-TI(xxx=335-425, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-MB-MX3(xxx=335-395, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-AB-MX3(xxx=335-395, with increments of 5)
- 144 half-cut cells: MMxxx-72HLA-BB(xxx=375-425, with increments of 5)
- 144 half-cut cells: MMxxx-72HLM-MB(xxx=420-465, with increments of 5)
- 144 half-cut cells: MNxxx-72HLA-AB-MBB(xxx=380-400, with increments of 5)
- 144 half-cut cells: SMNxxx-72HLA-AB-MBB-TI (xxx=380-400, with increments of 5)
- 144 half-cut cells: MNxxx-72HLA-AB-MBB-TI(xxx=380-400, with increments of 5)
- 144 half-cut cells: MNxxx-72HLA-MB-MBB(xxx=385-425, with increments of 5)
- 144 half-cut cells: SMNxxx-72HLA-MB-MBB-TI(xxx=385-425, with increments of 5)
- 144 half-cut cells: JKMxxxM-72H-MBB-T(xxx=370-435, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-MBB-T(xxx=375-455,with increments of 5)
- 144 half-cut cells: JKMxxxM-72H-MBB(xxx=370-440, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-MBB(xxx=385-425, with increments of 5)
- 144 half-cut cells: JKMSxxxN-72H-MBB-TI(xxx=385-425, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HLM(xxx=420-465, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HLM-MX3(xxx=420-465, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-MBB-B(xxx=380-400, with increments of 5)
- 144 half-cut cells: JKMSxxxN-72H-MBB-B-TI(xxx=380-400, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL3-MBB-B(xxx=400-445, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72H-MBB-TI(xxx=385-425, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72H-MBB-MX3(xxx=385-425, with increments of 5)
- 144 half-cut cells: MMxxx-72HLA-MB-MBB(xxx=385-425, with increments of 5)



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- 144 half-cut cells: SMMxxx-72HLA-MB-MBB-TI(xxx=385-425, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HL-MX3-Q(xxx=335-395, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HBL-MX3-Q(xxx=335-395, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HLM-B(xxx=415-445, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HLM-B-MX3 (xxx=415-445, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HLM-TV(xxx=425-460, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HLM-B-V(xxx=415-445, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HLM-B-V-MX3(xxx=415-445, with increments of 5)
- 132 half-cut cells: JKSM3-CFCA-xxx(xxx=335-390,with increments of 5)
- 132 half-cut cells: JKSM3-CHCA-xxx(xxx=340-405,with increments of 5)
- 132 half-cut cells: JKSN3-CHCA-xxx(xxx=340-390,with increments of 5)
- 132 half-cut cells: JKMxxxM-66H(xxx=340-390, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HB(xxx=340-365, with increments of 5)
- 132 half-cut cells: JKMSxxxM-66HB-TI(xxx=340-365, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-MBB(xxx=370-390, with increments of 5)
- 132 half-cut cells: JKMSxxxM-66H-MBB-MX3 (xxx=370-390, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-T(xxx=340-385, with increments of 5)
- 132 half-cut cells: JKMSxxxM-66H-TI(xxx=340-390, with increments of 5)
- 132 half-cut cells: JKMxxxN-66H-T(xxx=345-385, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-MB(xxx=340-390, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-MB-MBB(xxx=370-390, with increments of 5)
- 132 half-cut cells: SMMxxx-66HLA-MB-TI(xxx=340-390, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-AB(xxx=340-365, with increments of 5)
- 132 half-cut cells: SMMxxx-66HLA-AB-TI(xxx=340-365, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-J(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMSxxxM-6RL3-TI(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3(xxx=360-410, with increments of 5)



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- 132 half-cut cells: JKMxxxN-6RL3-J(xxx=360-410, with increments of 5)
- 132 half-cut cells: JKMSxxxN-6RL3-TI(xxx=360-410, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-T(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-T-J(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-T(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-T-J(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-B(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-B(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMSxxxM-6RL3-B-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMSxxxN-6RL3-B-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: MMxxx-6RLC-AB(xxx=360-405, with increments of 5)
- 132 half-cut cells: SMMxxx-6RLC-AB-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: MMxxx-6RLC-MB(xxx=360-400, with increments of 5)
- 132 half-cut cells: SMMxxx-6RLC-MB-TI(xxx=360-400, with increments of 5)
- 132 half-cut cells: MNxxx-6RLC-AB(xxx=360-405, with increments of 5)
- 132 half-cut cells: SMNxxx-6RLC-AB-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: MNxxx-6RLC-MB(xxx=360-410, with increments of 5)
- 132 half-cut cells: SMNxxx-6RLC-MB-TI(xxx=360-410, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HB(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HBL(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HB(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HB-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HBL-MX3(xxx=270-340, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H-T(xxx=300-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL-T(xxx=300-375, with increments of 5)



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- 120 half-cut cells: JKMxxxN-60H-T(xxx=315-355, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL-T(xxx=315-355, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL-T-Q(xxx=315-355, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL3-MBB-B(xxx=330-370, with increments of 5)
- 120 half-cut cells: JKMxxxN-60H-MBB-B(xxx=315-330, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-B-TI(xxx=315-330, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-MB(xxx=270-350, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-AB(xxx=270-350, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-MB-TI(xxx=270-350, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-AB-TI(xxx=270-350, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-MB-MX3(xxx=270-340, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-AB-MX3(xxx=270-340, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-BB(xxx=315-355, with increments of 5)
- 120 half-cut cells: MMxxx-60HLM-MB(xxx=350-385, with increments of 5)
- 120 half-cut cells: MNxxx-60HLA-AB-MBB(xxx=315-330, with increments of 5)
- 120 half-cut cells: SMNxxx-60HLA-AB-MBB-TI(xxx=315-330, with increments of 5)
- 120 half-cut cells: MNxxx-60HLA-MB-MBB(xxx=320-350, with increments of 5)
- 120 half-cut cells: SMNxxx-60HLA-MB-MBB-TI(xxx=320-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H-MBB-T(xxx=310-360, with increments of 5)
- 120 half-cut cells: JKMxxxN-60H-MBB-T(xxx=310-370, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H-MBB(xxx=310-365, with increments of 5)
- 120 half-cut cells: JKMxxxN-60H-MBB(xxx=320-350, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-TI(xxx=320-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HLM(xxx=350-385, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HLM-MX3(xxx=350-385, with increments of 5)



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- 120 half-cut cells: JKMxxxM-6TL3-B( xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-B-TI( xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-B-MX3( xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL3( xxx=335-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL3( xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-TI( xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-MX3( xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-TI( xxx=335-375, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL3-B( xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-B-TI( xxx=320-365, with increments of 5)
- 120 half-cut cells: MMxxx-6TLC-AB( xxx=320-365, with increments of 5)
- 120 half-cut cells: SMMxxx-6TLC-AB-TI( xxx=320-365, with increments of 5)
- 120 half-cut cells: MMxxx-6TLC-MB( xxx=335-365, with increments of 5)
- 120 half-cut cells: SMMxxx-6TLC-MB-TI( xxx=335-365, with increments of 5)
- 120 half-cut cells: MNxxx-6TLC-AB( xxx=320-365, with increments of 5)
- 120 half-cut cells: SMNxxx-6TLC-AB-TI( xxx=320-365, with increments of 5)
- 120 half-cut cells: MNxxx-6TLC-MB( xxx=335-375, with increments of 5)
- 120 half-cut cells: SMNxxx-6TLC-MB-TI( xxx=335-375, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-TI( xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-TI( xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HB-TI( xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HBL-TI( xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-MX3-Q( xxx=270-340, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HBL-MX3-Q ( xxx=270-340, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL-T-Q( xxx=315-355, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-MBB-TI( xxx=310-365, with increments of 5)



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120 half-cut cells: JKMSxxxM-60H-MBB-MX3(xxx=310-365,with increments of 5)  
120 half-cut cells: MMxxx-60HLA-MB-MBB (xxx=320-355,with increments of 5)  
120 half-cut cells: SMMxxx-60HLA-MB-MBB-TI (xxx=320-355,with increments of 5)  
120 half-cut cells: JKMxxxN-6TL3-T (xxx=325-365,with increments of 5)  
120 half-cut cells: JKMxxxM-60HLM-B (xxx=350-370,with increments of 5)  
120 half-cut cells: JKMSxxxM-60HLM-B-MX3 (xxx=350-370,with increments of 5)  
120 half-cut cells: JKMxxxM-60HLM-TV(xxx=355-380,with increments of 5)  
120 half-cut cells: JKMxxxM-60HLM-B-V(xxx=350-370,with increments of 5)  
120 half-cut cells: JKMSxxxM-60HLM-B-V-MX(xxx=350-370,with increments of 5)  
96 half-cut cells: JKMxxxN-48H-MBB-B(xxx=255-265, with increments of 5)  
96 half-cut cells: JKMxxxN-48HL3-MBB-B(xxx=270-295, with increments of 5)  
72 half-cut cells: JKMxxxM-36H(xxx=195-205, with increments of 5)  
64 half-cut cells: JKMxxxN-32H-MBB-B(xxx=170-175, with increments of 5)  
64 half-cut cells: JKMxxxN-32HL3-MBB-B(xxx=180-195, with increments of 5)

Maximum system voltage: 1000V  
Fuse rating: 15A or 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(xxx=535-590, with increments of 5)  
156 half-cut cells JKMxxxM-7RL4-J(xxx=535-590, with increments of 5)  
156 half-cut cells: JKMxxxN-7RL4(xxx=535-590, with increments of 5)  
156 half-cut cells: MMxxx-7RLD-MB(xxx=535-590, with increments of 5)  
156 half-cut cells: MNxxx7RLD-MB (xxx=535-590, with increments of 5)  
156 half-cut cells: JKMxxxM-7RL4-B (xxx=540-575, with increments of 5)  
156 half-cut cells: JKMxxxN-7RL4-B (xxx=540-575, with increments of 5)  
144 half-cut cells: JKMxxxM-72HL4(xxx=475-555, with increments of 5)  
144 half-cut cells: JKMxxxM-72HL4-J(xxx=475-555, with increments of 5)



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144 half-cut cells JKMxxxM-7TL4(xxx=495-570, with increments of 5)  
144 half-cut cells JKMxxxM-7TL4-J(xxx=495-570, with increments of 5)  
144 half-cut cells JKMxxxN-72HL4(xxx=485-555, with increments of 5)  
144 half-cut cells: JKMxxxN-7TL4(xxx=495-570, with increments of 5)  
144 half-cut cells: JKMxxxM-72HL4-B(xxx=510-535, with increments of 5)  
144 half-cut cells: JKMxxxN-72HL4-B(xxx=510-535, with increments of 5)  
144 half-cut cells: MMxxx-72HLD-MB(xxx=475-555, with increments of 5)  
144 half-cut cells: MMxxx-7TLD-MB(xxx=495-540, with increments of 5)  
144 half-cut cells MNxxx-72HLD-MB(xxx=485-555, with increments of 5)  
144 half-cut cells MNxxx7TLD-MB (xxx=495-540, with increments of 5)  
144 half-cut cells JKMxxxM-7TL4-B (xxx=495-530, with increments of 5)  
144 half-cut cells JKMxxxN-7TL4-B (xxx=495-530, with increments of 5)  
132 half-cut cells: JKMxxxM-66HL4(xxx=440-505, with increments of 5)  
132 half-cut cells: JKMxxxM-6RL4(xxx=455-495, with increments of 5)  
132 half-cut cells: JKMxxxN-66HL4(xxx=445-505, with increments of 5)  
132 half-cut cells: JKMxxxN-6RL4(xxx=455-495, with increments of 5)  
132 half-cut cells: JKMxxxM-66HL4-B(xxx=465-490, with increments of 5)  
132 half-cut cells: JKMxxxN-66HL4-B(xxx=465-490, with increments of 5)  
132 half-cut cells: MMxxx-66HLD-MB(xxx=440-505, with increments of 5)  
132 half-cut cells: MMxxx-6RLD-MB( xxx=455-495, with increments of 5)  
132 half-cut cells: MNxxx-66HLD-MB(xxx=445-505, with increments of 5)  
132 half-cut cells: MNxxx6RLD-MB (xxx=455-495, with increments of 5)  
132 half-cut cells: JKMxxxM-6RL4-B (xxx=455-485, with increments of 5)  
132 half-cut cells: JKMxxxN-6RL4-B (xxx=455-485, with increments of 5)  
120 half-cut cells: JKMxxxM-60HL4(xxx=400-460, with increments of 5)  
120 half-cut cells: JKMxxxM-6TL4(xxx=415-450, with increments of 5)  
120 half-cut cells: JKMxxxN-60HL4(xxx=405-460, with increments of 5)  
120 half-cut cells: JKMxxxN-6TL4(xxx=415-450, with increments of 5)  
120 half-cut cells: JKMxxxM-60HL4-B(xxx=425-445, with increments of 5)  
120 half-cut cells: JKMxxxN-60HL4-B(xxx=425-445, with increments of 5)  
120 half-cut cells: MMxxx-60HLD-MB(xxx=400-460, with increments of 5)  
120 half-cut cells: MMxxx-6TLD-MB(xxx=415-450, with increments of 5)  
120 half-cut cells: MNxxx-60HLD-MB (xxx=405-460, with increments of 5)  
120 half-cut cells: MNxxx6TLD-MB (xxx=415-450, with increments of 5)  
120 half-cut cells: JKMxxxM-6TL4-B (xxx=415-440, with increments of 5)  
120 half-cut cells: JKMxxxN-6TL4-B (xxx=415-440, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4(xxx=360-415, with increments of 5)

108 half-cut cells: JKMxxxM-5RL4(xxx=375-405, with increments of 5)  
108 half-cut cells: JKMxxxN-54HL4(xxx=365-415, with increments of 5)  
108 half-cut cells: JKMxxxN-5RL4(xxx=375-405, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-B(xxx=380-400, with increments of 5)  
108 half-cut cells: JKMxxxN-54HL4-B(xxx=380-400, with increments of 5)  
108 half-cut cells: MMxxx-54HLD-MB(xxx=360-415, with increments of 5)  
108 half-cut cells: MMxxx-5RLD-MB(xxx=375-405, with increments of 5)  
108 half-cut cells: MNxxx-54HLD-MB (xxx=365-415, with increments of 5)  
108 half-cut cells: MNxxx5RLD-MB (xxx=375-405, with increments of 5)  
108 half-cut cells: JKMxxxM-5RL4-B (xxx=375-395, with increments of 5)  
108 half-cut cells: JKMxxxN-5RL4-B (xxx=375-395, with increments of 5)

Maximum system voltage: 1000V  
Fuse rating: 25A or 30A  
Application class: Class A  
Electrical protection class: Class II

Module types: **PV Modules with 8" Mono-crystalline Silicon Half-cut Solar Cells**  
132 half-cut cells: JKxxxM-66R5-MW(xxx=630-665, with increments of 5)  
132 half-cut cells: JKxxxM-66H5-MW(xxx=635-670, with increments of 5)

Maximum system voltage: 1000V  
Fuse rating: 30A  
Application class: Class A  
Electrical protection class: Class II



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## Module types:

**PV Modules with 6" Poly-crystalline Silicon Solar Cells**

- 72 cells: JKMxxxP-72-V(xxx=250-390, with increments of 5)
- 72 cells: JKMxxxP-72-V-J(xxx=250-390, with increments of 5)
- 72 cells: JKMxxxPP-72-V(xxx=250-390, with increments of 5)
- 72 cells: JKMxxxPP-72B-V(xxx=320-355, with increments of 5)
- 72 cells: JKMxxxPP-72B- (xxx=320-355, with increments of 5)
- 72 cells: JKMxxxPP-72(Plus)-V(xxx=250-390, with increments of 5)
- 72 cells: JKMxxxPP-72-V-J(xxx=250-390, with increments of 5)
- 72 cells: JKMxxxPP-72-J4V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxP-72-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxP-72-V-J(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-V-J(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-J4V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-MX-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72B-MX-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-J4-MX-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72B-J4-MX-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72(Plus)-MX-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-W-MX-V(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72-V-MX3(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72B-V-MX3(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72L-V-MX3(xxx=250-390, with increments of 5)
- 72 cells: JKMSxxxPP-72BL-V-MX3(xxx=320-355, with increments of 5)
- 60 cells: JKMxxxP-60-V(xxx=210-325, with increments of 5)
- 60 cells: JKMxxxP-60-V-J(xxx=210-325, with increments of 5)
- 60 cells: JKMxxxPP-60-V(xxx=210-325, with increments of 5)
- 60 cells: JKMxxxPP-60B-V(xxx=260-290, with increments of 5)
- 60 cells: JKMxxxPP-60(Plus)-V(xxx=210-325, with increments of 5)
- 60 cells: JKMxxxPP-60-V-J(xxx=210-325, with increments of 5)
- 60 cells: JKMxxxPP-60-J4V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxP-60-V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxP-60-V-J(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60-V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60-V-J(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60-J4V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60-MX-V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60B-MX-V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60-J4-MX-V(xxx=210-325, with increments of 5)
- 60 cells: JKMSxxxPP-60B-J4-MX-V(xxx=210-325, with increments of 5)



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60 cells: JKMSxxxPP-60(Plus)-MX-V(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-W-MX-V(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60-V-MX3(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60B-V-MX3(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60L-V-MX3(xxx=210-325, with increments of 5)  
60 cells: JKMSxxxPP-60BL-V-MX3(xxx=260-290, with increments of 5)

Maximum system voltage: 1500V  
Fuse rating: 15A or 20A or 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-V(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72HB-V(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMxxxPP-72H-J4V(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72H-V-MX3(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72HB-V-MX3(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72HL-V-MX3(xxx=250-390, with increments of 5)  
144 half-cut cells: JKMSxxxPP-72HBL-V-MX3(xxx=330-380, with increments of 5)  
120 half-cut cells: JKMxxxPP-60H-V(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMxxxPP-60HB-V(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMxxxPP-60H-J4V(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60H-V-MX3(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60HB-V-MX3(xxx=210-325, with increments of 5)  
120 half-cut cells JKMSxxxPP-60HL-V-MX3(xxx=210-325, with increments of 5)  
120 half-cut cells: JKMSxxxPP-60HBL-V-MX3(xxx=260-315, with increments of 5)

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



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Electrical protection class: Class II

Module types:

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

72 cells: JKMxxxM-72-V(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72L-V-TI(xxx=250-410, with increments of 5)  
72 cells: JKMxxxM-72B-V(xxx=250-410, with increments of 5)  
72 cells: JKMxxxM-72(Plus)-V(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72-V-J(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-V(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-V-J(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-V-TI(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72L-V(xxx=250-420, with increments of 5)  
72 cells: JKMxxxM-72BL-V(xxx=250-410, with increments of 5)  
72 cells: JKMSxxxM-72-MX-V(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72B-MX-V(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72(Plus)-MX-V(xxx=250-420, with increments of 5)  
72 cells: JKMSxxxM-72-V-MX3(xxx=250-395, with increments of 5)  
72 cells: JKMSxxxM-72B-V-MX3(xxx=250-395, with increments of 5)  
72 cells: JKMSxxxM-72B-V-TI(xxx=250-410, with increments of 5)  
72 cells: JKMSxxxM-72BL-V-TI(xxx=250-410, with increments of 5)  
72 cells: JKMSxxxM-72L-V-MX3(xxx=250-395, with increments of 5)  
72 cells: JKMSxxxM-72BL-V-MX3(xxx=335-395, with increments of 5)  
72 cells: MMxxx-72LA-MBV(xxx=335-410, with increments of 5)  
72 cells: MMxxx-72LA-ABV(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-MBV(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-MBV-TI(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-ABV-TI(xxx=335-410, with increments of 5)  
72 cells: SMMxxx-72LA-MBV-MX3(xxx=335-395, with increments of 5)  
72 cells: SMMxxx-72LA-ABV-MX3(xxx=335-395, with increments of 5)  
60 cells: JKMxxxM-60-V(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60B-V(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60BL-V(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60L-V-TI(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60BL-V-TI(xxx=270-340, with increments of 5)  
60 cells: JKMSxxxM-60-V-TI(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60(Plus)-V(xxx=210-350, with increments of 5)  
60 cells: JKMxxxM-60-V-J(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-V(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-V-J(xxx=210-350, with increments of 5)



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60 cells: JKMxxxM-60L-V(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-MX-V(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60B-MX-V(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60B-V-TI(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60(Plus)-MX-V(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60-V-MX3(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60B-V-MX3(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60L-V-MX3(xxx=210-350, with increments of 5)  
60 cells: JKMSxxxM-60BL-V-MX3(xxx=270-340, with increments of 5)  
60 cells: MMxxx-60LA-MBV(xxx=270-340, with increments of 5)  
60 cells: MMxxx-60LA-ABV(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-MBV-TI(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-ABV-TI(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-MBV-MX3(xxx=270-340, with increments of 5)  
60 cells: SMMxxx-60LA-ABV-MX3(xxx=270-340, with increments of 5)

Maximum system voltage: 1500V  
Fuse rating: 15A or 20A or 25A  
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-DCCA-xxx(xxx=400-480, with increments of 5)  
156 half-cut cells: JKSM3-DACA-xxx(xxx=400-465, with increments of 5)  
156 half-cut cells: JKSN3-DCCA-xxx(xxx=410-465, with increments of 5)  
156 half-cut cells: JKMxxxM-78H-V(xxx=405-465, with increments of 5)  
156 half-cut cells: JKMSxxxM-78H-V-TI(xxx=405-465, with increments of 5)  
156 half-cut cells: JKMxxxM-78H-V-Q(xxx=405-465, with increments of 5)  
156 half-cut cells: JKMxxxM-78HB-V(xxx=405-450, with increments of 5)  
156 half-cut cells: JKMSxxxM-78HB-V-TI(xxx=405-450, with increments of 5)  
156 half-cut cells: JKMxxxM-78H-TV(xxx=405-455, with increments of 5)  
156 half-cut cells: JKMxxxN-78H-TV(xxx=410-460, with increments of 5)  
156 half-cut cells: JKMxxxM-78H-TV-Q(xxx=405-465, with increments of 5)  
156 half-cut cells: MMxxx-78HLA-MBV(xxx=405-465, with increments of 5)  
156 half-cut cells: MMxxx-78HLA-MBV-MBB(xxx=440-465, with increments of 5)



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- 156 half-cut cells: SMMxxx-78HLA-MBV-TI(xxx=405-465, with increments of 5)
- 156 half-cut cells: MMxxx-78HLA-ABV(xxx=405-450, with increments of 5)
- 156 half-cut cells: SMMxxx-78HLA-ABV-TI(xxx=405-450, with increments of 5)
- 156 half-cut cells: MMxxx-78HLA-BBV(xxx=405-470, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-V(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-V-J(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-S-V(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-S-V-J(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-V(xxx=430-490, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-V-J(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMSxxxM-7RL3-V-TI(xxx=430-495, with increments of 5)
- 156 half-cut cells: JKMSxxxM-7RL3-B-V-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-TV(xxx=420-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-TV-J(xxx=420-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-S-TV(xxx=420-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-S-TV-J(xxx=420-475, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-TV(xxx=425-500, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-TV-J(xxx=425-500, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-S-TV(xxx=425-500, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-S-TV-J(xxx=425-500, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-B-V(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-S-B-V(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-B-V(xxx=425-480, with increments of 5)

- 156 half-cut cells: JKMxxxN-7RL3-S-B-V(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMSxxxN-7RL3-B-V-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMSxxxN-7RL3-V-TI(xxx=430-490, with increments of 5)
- 156 half-cut cells: MMxxx-7RLC-ABV(xxx=425-480, with increments of 5)
- 156 half-cut cells: SMMxxx-7RLC-ABV-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: MMxxx-7RLC-BBV(xxx=420-475, with increments of 5)
- 156 half-cut cells: MMxxx-7RLC-MBV(xxx=430-475, with increments of 5)
- 156 half-cut cells: SMMxxx-7RLC-MBV-TI(xxx=430-475, with increments of 5)
- 156 half-cut cells: MNxxx-7RLC-ABV(xxx=425-480, with increments of 5)
- 156 half-cut cells: SMNxxx-7RLC-ABV-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: MNxxx-7RLC-BBV(xxx=425-475, with increments of 5)
- 156 half-cut cells: MNxxx-7RLC-MBV(xxx=430-475, with increments of 5)
- 156 half-cut cells: SMNxxx-7RLC-MBV-TI(xxx=430-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-78H-MBB-V(xxx=405-465, with increments of 5)
- 156 half-cut cells: JKMSxxxM-78H-MBB-V-MX3(xxx=405-465, with increments of 5)
- 156 half-cut cells: JKMSxxxM-78H-V-TI-Q(xxx=405-465, with increments of 5)
- 156 half-cut cells: MM-78HLA-MBV-MBB(xxx=440-465, with increments of 5)
- 144 half-cut cells: JKMxxxM-72H-V(xxx=250-450, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL-V(xxx=250-450, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL-V-Q(xxx=250-450, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HL-V-TI-Q(xxx=335-425, with increments of 5)
- 144 half-cut cells: JKMSxxxM-66H-V-TI-Q(xxx=340-390, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HLM-V(xxx=420-465, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HLM-V-MX3(xxx=420-465, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HB-V(xxx=250-450, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HBL-V(xxx=250-450, with increments of 5)



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- 144 half-cut cells: JKMxxxM-72H-TV(xxx=375-455, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL-TV(xxx=375-455, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL-TV-Q(xxx=375-425, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-TV(xxx=375-455, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL-TV(xxx=375-455, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HB-V-MX3(xxx=335-395, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72H-V-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72H-V-TI(xxx=250-450, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HL-V-TI(xxx=335-425, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HBL-V-TI(xxx=335-425, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HB-V-TI(xxx=250-450, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HB-V-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HL-V-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HBL-V-MX3(xxx=335-395, with increments of 5)
- 144 half-cut cells: JKMxxxM-72H-MBB-V(xxx=385-440, with increments of 5)
- 144 half-cut cells: JKMxxxM-72H-MBB-TV(xxx=385-435, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-MBB-TV(xxx=390-445, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-MBB-V(xxx=385-425, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72H-MBB-V-TI(xxx=370-440, with increments of 5)
- 144 half-cut cells: JKMSxxxN-72H-MBB-V-TI(xxx=385-450, with increments of 5)
- 144 half-cut cells: JKMxxxN-72H-MBB-B-V(xxx=380-400, with increments of 5)
- 144 half-cut cells: JKMSxxxN-72H-MBB-B-V-TI(xxx=380-400, with increments of 5)
- 144 half-cut cells: MMxxx-72HLA-MBV(xxx=335-425, with increments of 5)

- 144 half-cut cells: MMxxx-72HLA-ABV(xxx=335-425 ,with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-MBV-TI(xxx=335-425, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-ABV-TI(xxx=335-425, with increments of 5)
- 144 half-cut cells: MMxxx-72HLA-BBV(xxx=375-430, with increments of 5)
- 144 half-cut cells: MMxxx-72HLA-BBV-MBB(xxx=385-405, with increments of 5)
- 144 half-cut cells: MMxxx-72HLA-MBV-MBB(xxx=385-425, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-MBV-MBB-TI(xxx=385-425, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-MBV-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72HL-V-MX3-Q(xxx=335-395, with increments of 5)
- 144 half-cut cells: MNxxx-72HLA-BBV-MBB(xxx=390-420, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-ABV-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: MNxxx-72HLA-ABV-MBB(xxx=380-400, with increments of 5)
- 144 half-cut cells: SMNxxx-72HLA-ABV-MBB-TI(xxx=380-400, with increments of 5)
- 144 half-cut cells: MNxxx-72HLA-MBV-MBB(xxx=385-425, with increments of 5)
- 144 half-cut cells: SMNxxx-72HLA-MBV-MBB-TI(xxx=385-425, with increments of 5)
- 144 half-cut cells: MMxxx-72HLM-MBV(xxx=420-465, with increments of 5)
- 144 half-cut cells: MM-72HLA-BBV-MBB(xxx=385-405, with increments of 5)
- 144 half-cut cells: JKMSxxxM-72H-MBB-V-MX3(xxx=385-425, with increments of 5)
- 144 half-cut cells: MM-72HLA-MBV-MBB(xxx=385-425, with increments of 5)
- 144 half-cut cells: SMM-72HLA-MBV-MBB-TI(xxx=385-425, with increments of 5)
- 132 half-cut cells: JKSM3-CCCA-xxx(xxx=340-405, with increments of 5)
- 132 half-cut cells: JKSM3-CACA-xxx(xxx=335-390,with increments of 5)
- 132 half-cut cells: JKSN3-CCCA-xxx(xxx=345-390, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-V(xxx=340-390, with increments of 5)



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- 132 half-cut cells: JKMSxxxM-66H-V-TI(xxx=340-390, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-V-Q(xxx=340-390, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HB-V(xxx=340-365, with increments of 5)
- 132 half-cut cells: JKMSxxxM-66HB-V-TI(xxx=340-365, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-TV(xxx=340-385, with increments of 5)
- 132 half-cut cells: JKMxxxN-66H-TV(xxx=345-385, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-TV-Q(xxx=340-385, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-MBV(xxx=340-390, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-MBV-MBB(xxx=370-390, with increments of 5)
- 132 half-cut cells: MM-66HLA-MBV-MBB(xxx=370-390, with increments of 5)
- 132 half-cut cells: SMMxxx-66HLA-MBV-TI(xxx=340-390, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-ABV(xxx=340-380, with increments of 5)
- 132 half-cut cells: SMMxxx-66HLA-ABV-TI(xxx=340-380, with increments of 5)
- 132 half-cut cells: MMxxx-66HLA-BBV(xxx=340-395, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-V(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-V-J(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMSxxxM-6RL3-V-TI(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-S-V(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-S-V-J(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMSxxxM-6RL3-V-MX3(xxx=360-415, with increments of 5)
- 132 half-cut cells: JKMSxxxN-6RL3-V-TI(xxx=360-410, with increments of 5)
- 132 half-cut cells: JKMSxxxN-6RL3-V-MX3(xxx=360-410, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-V(xxx=360-410, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-V-J(xxx=360-410, with increments of 5)

- 132 half-cut cells: JKMxxxM-6RL3-TV(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-TV-J(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-S-TV(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-S-TV-J(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-TV(xxx=355-420, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-TV-J(xxx=355-420, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-S-TV(xxx=355-420, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-S-TV-J(xxx=355-420, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-B-V(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-S-B-V(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMSxxxM-6RL3-B-V-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-B-V(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMSxxxN-6RL3-B-V-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-S-B-V(xxx=360-405, with increments of 5)
- 132 half-cut cells: MMxxx-6RLC-ABV(xxx=360-405, with increments of 5)
- 132 half-cut cells: SMMxxx-6RLC-ABV-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: MMxxx-6RLC-BBV(xxx=355-400, with increments of 5)
- 132 half-cut cells: MMxxx-6RLC-MBV(xxx=360-400, with increments of 5)
- 132 half-cut cells: SMMxxx-6RLC-MBV-TI(xxx=360-400, with increments of 5)
- 132 half-cut cells: MNxxx-6RLC-ABV(xxx=360-405, with increments of 5)
- 132 half-cut cells: SMNxxx-6RLC-ABV-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: MNxxx-6RLC-BBV(xxx=355-400, with increments of 5)
- 132 half-cut cells: MNxxx-6RLC-MBV(xxx=360-400, with increments of 5)
- 132 half-cut cells: SMNxxx-6RLC-MBV-TI(xxx=360-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-MBB-V(xxx=340-390, with increments of 5)

- 132 half-cut cells: JKMSxxxM-66H-MBB-V-MX3(xxx=370-390, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H-V(xxx=210-375, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-V-TI(xxx=210-375, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-V-TI(xxx=270-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HBL-V-TI(xxx=270-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL-V(xxx=210-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL-V-Q(xxx=270-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-V-TI-Q(xxx=270-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-MBB-V-MX3(xxx=320-355, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-BBV(xxx=315-355, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-MBV-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-V-MX3-Q(xxx=270-340, with increments of 5)
- 120 half-cut cells: MNxxx-60HLA-BBV-MBB(xxx=330-350, with increments of 5)
- 120 half-cut cells: MM-60HLA-BBV-MBB(xxx=320-335, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-ABV-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HLM-V(xxx=350-375, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HLM-V-MX3(xxx=350-385, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HB-V(xxx=210-375, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HB-V-TI(xxx=210-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HBL-V(xxx=210-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-60H-TV(xxx=300-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL-TV(xxx=300-375, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL-TV-Q(xxx=315-355, with increments of 5)
- 120 half-cut cells: JKMxxxN-60H-TV(xxx=315-375, with increments of 5)

- 120 half-cut cells: JKMSxxxN-60HL-TV(xxx=315-375, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HB-V-MX3(xxx=270-340, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-V-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HB-V-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HL-V-MX3(xxx=210-350, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60HBL-V-MX3(xxx=270-340, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-MBB-V(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-MBB-TV(xxx=320-360, with increments of 5)
- 120 half-cut cells: JKMSxxxM-60H-MBB-V-TI(xxx=310-365, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-V-TI(xxx=320-375, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-TV(xxx=330-370, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-V(xxx=320-350, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-B-V(xxx=315-330, with increments of 5)
- 120 half-cut cells: JKMSxxxN-60H-MBB-B-V-TI(xxx=315-330, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-V(xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-V-TI(xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-S-V(xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-V-MX3(xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-B-V(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-S-B-V(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxM-6TL3-B-V-TI(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-B-V(xxx=320-365, with increments of 5)



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- 120 half-cut cells: JKMxxxN-6TL3-S-B-V(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-B-V-TI(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL3-V(xxx=335-375, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-V-TI(xxx=335-375, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-V-MX3(xxx=335-375, with increments of 5)
- 120 half-cut cells: JKMSXXXM-6TL3-V-TI(xxx=335-380, with increments of 5)
- 120 half-cut cells: JKMXXXM-6TL3-TV(xxx=325-365, with increments of 5)
- 120 half-cut cells: JKMXXXM-6TL3-S-TV(xxx=325-365, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL3-TV(xxx=325-380, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL3-S-TV(xxx=325-380, with increments of 5)
- 120 half-cut cells: MMxxx-6TLC-ABV(xxx=320-365, with increments of 5)
- 120 half-cut cells: SMMxxx-6TLC-ABV-TI(xxx=320-365, with increments of 5)
- 120 half-cut cells: MMxxx-6TLC-BBV(xxx=325-365, with increments of 5)
- 120 half-cut cells: MMxxx-6TLC-MBV(xxx=335-365, with increments of 5)
- 120 half-cut cells: SMMxxx-6TLC-MBV-TI(xxx=335-365, with increments of 5)
- 120 half-cut cells: MNxxx-6TLC-ABV(xxx=320-365, with increments of 5)
- 120 half-cut cells: SMNxxx-6TLC-ABV-TI(xxx=320-365, with increments of 5)
- 120 half-cut cells: MNxxx-6TLC-BBV(xxx=325-365, with increments of 5)
- 120 half-cut cells: MNxxx-6TLC-MBV(xxx=335-365, with increments of 5)
- 120 half-cut cells: SMNxxx-6TLC-MBV-TI(xxx=335-365, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-ABV(xxx=270-350, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-BBV-MBB(xxx=320-335, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-MBV(xxx=270-350, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-MBV-MBB(xxx=320-355, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-MBV-TI(xxx=270-350, with increments of 5)
- 120 half-cut cells: SMMxxx-60HLA-MBV-MBB-TI(xxx=320-355, with increments of 5)

120 half-cut cells: SMMxxx-60HLA-ABV-TI(xxx=270-350, with increments of 5)

120 half-cut cells: MNxxx-60HLA-ABV-MBB(xxx=315-330, with increments of 5)

120 half-cut cells: SMNxxx-60HLA-ABV-MBB-TI(xxx=315-330, with increments of 5)

120 half-cut cells: MNxxx-60HLA-MBV-MBB(xxx=320-350, with increments of 5)

120 half-cut cells: SMNxxx-60HLA-MBV-MBB-TI(xxx=320-350, with increments of 5)

120 half-cut cells: MMxxx-60HLM-MBV(xxx=350-385, with increments of 5)

120 half-cut cells: MM-60HLA-MBV-MBB(xxx=320-355, with increments of 5)

120 half-cut cells: SMM-60HLA-MBV-MBB-TI (xxx=320-355, with increments of 5)

Maximum system voltage: 1500V  
Fuse rating: 15A or 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-V(xxx=535-590, with increments of 5)

156 half-cut cells: JKMxxxM-7RL4-B-V(xxx=540-575, with increments of 5)

156 half-cut cells: JKMxxxM-7RL4-TV(xxx=525-590, with increments of 5)

156 half-cut cells: JKMxxxM-7RL4-TV-J(xxx=525-590, with increments of 5)

156 half-cut cells: JKMxxxM-7RL4-V-J(xxx=535-590, with increments of 5)

156 half-cut cells: JKMxxxN-7RL4-V(xxx=535-590, with increments of 5)

156 half-cut cells: JKMxxxN-7RL4-B-V(xxx=540-575, with increments of 5)

156 half-cut cells: JKMxxxN-7RL4-TV(xxx=520-585, with increments of 5)

156 half-cut cells: MMxxx-7RLD-MBV(xxx=535-590, with increments of 5)

156 half-cut cells: MNxxx7RLD-MBV (xxx=535-590, with increments of 5)

156 half-cut cells: MNxxx7RLD-BBV (xxx=520-585, with increments of 5)

156 half-cut cells: JKMxxxM-78HL4-V (xxx=565-605, with increments of 5)



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- 156 half-cut cells: JKMxxxM-78HL4-S-V (xxx=565-605, with increments of 5)
- 156 half-cut cells: MMxxx-78HLD-MBV (xxx=565-605, with increments of 5)
- 156 half-cut cells: JKMxxxM-78HL4-TV (xxx=555-595, with increments of 5)
- 156 half-cut cells: JKMxxxM-78HL4-S-TV (xxx=555-595, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-V(xxx=495-570, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-B-V(xxx=495-530, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-V-J(xxx=495-570, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-TV(xxx=465-570, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-TV-J(xxx=460-570, with increments of 5)
- 144 half-cut cells: JKMxxxN-7TL4-V(xxx=495-570, with increments of 5)
- 144 half-cut cells: JKMxxxN-7TL4-B-V(xxx=495-530, with increments of 5)
- 144 half-cut cells: JKMxxxN-7TL4-TV(xxx=480-570, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-V(xxx=460-555, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-S-V(xxx=460-555, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-B-V(xxx=510-535, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-S-B-V(xxx=510-535, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL4-V(xxx=485-555, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL4-B-V(xxx=510-535, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-V-J(xxx=460-555, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-S-V-J(xxx=460-555, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-TV(xxx=460-550, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-TV-J(xxx=460-550, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-S-TV(xxx=460-550, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-S-TV-J(xxx=460-550, with increments of 5)



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- 144 half-cut cells: JKMxxxN-72HL4-TV(xxx=480-545, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL4-V(xxx=460-555, with increments of 5)
- 144 half-cut cells: MMxxx-72HLD-MBV( xxx=475-555, with increments of 5)
- 144 half-cut cells: MMxxx-7TLD-MBV( xxx=495-540, with increments of 5)
- 144 half-cut cells: MNxxx-72HLD-MBV (xxx=485-555, with increments of 5)
- 144 half-cut cells: MNxxx72HLD-BBV(xxx=480-545, with increments of 5)
- 144 half-cut cells: MNxxx7TLD-MBV (xxx=495-540, with increments of 5)
- 144 half-cut cells: MNxxx7TLD-BBV (xxx=480-540, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-V(xxx=425-505, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-S-V(xxx=425-505, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-B-V(xxx=465-490, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-S-B-V(xxx=465-490, with increments of 5)
- 132 half-cut cells: JKMxxxN-66HL4-V(xxx=445-505, with increments of 5)
- 132 half-cut cells: JKMxxxN-66HL4-B-V(xxx=465-490, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-TV(xxx=425-500, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-S-TV(xxx=425-500, with increments of 5)
- 132 half-cut cells: JKMxxxN-66HL4-TV(xxx=440-495, with increments of 5)
- 132 half-cut cells: JKMxxxN-66HL4-V(xxx=425-510, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL4-V(xxx=455-495, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL4-B-V(xxx=455-485, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL4-TV(xxx=445-495, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL4-V(xxx=455-495, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL4-B-V(xxx=455-485, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL4-TV(xxx=440-495, with increments of 5)
- 132 half-cut cells: MMxxx-66HLD-MBV(xxx=440-505, with increments of 5)
- 132 half-cut cells: MMxxx-6RLD-MBV(xxx=455-495, with increments of 5)



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- 132 half-cut cells: MNxxx-66HLD-MBV(xxx=445-505, with increments of 5)
- 132 half-cut cells: MNxxx66HLD-BBV(xxx=440-505, with increments of 5)
- 132 half-cut cells: MNxxx6RLD-MBV(xxx=455-495, with increments of 5)
- 132 half-cut cells: MNxxx6RLD-BBV(xxx=440-495, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-V(xxx=385-460, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-S-V(xxx=385-460, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-B-V(xxx=425-445, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-S-B-V(xxx=425-445, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL4-V(xxx=405-460, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL4-B-V(xxx=425-455, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-TV(xxx=385-455, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-S-TV(xxx=385-455, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL4-TV(xxx=400-450, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL4-V(xxx=385-465, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL4-V(xxx=415-450, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL4-B-V(xxx=415-440, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL4-TV(xxx=385-450, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL4-V(xxx=415-450, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL4-B-V(xxx=415-440, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL4-TV(xxx=400-450, with increments of 5)
- 120 half-cut cells: MMxxx-60HLD-MBV(xxx=400-460, with increments of 5)
- 120 half-cut cells: MMxxx-6TLD-MBV(xxx=415-450, with increments of 5)
- 120 half-cut cells: MNxxx-60HLD-MBV(xxx=405-460, with increments of 5)
- 120 half-cut cells: MNxxx60HLD-BBV( xxx=400-450, with increments of 5)
- 120 half-cut cells: MNxxx6TLD-MBV(xxx=415-450, with increments of 5)
- 120 half-cut cells: MNxxx6TLD-BBV(xxx=400-450, with increments of 5)
- 108 half-cut cells: JKMxxxM-5RL4-TV(xxx=365-405, with increments of 5)
- 108 half-cut cells: JKMxxxM-5RL4-V(xxx=345-405, with increments of 5)



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108 half-cut cells: JKMxxxM-5RL4-B-V(xxx=375-395, with increments of 5)  
108 half-cut cells: JKMxxxN-5RL4-V(xxx=375-405, with increments of 5)  
108 half-cut cells: JKMxxxN-5RL4-B-V(xxx=375-395, with increments of 5)  
108 half-cut cells: JKMxxxN-5RL4-TV(xxx=365-405, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-V(xxx=345-420, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-S-V(xxx=345-420, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-B-V(xxx=380-400, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-S-B-V(xxx=380-400, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-TV(xxx=345-410, with increments of 5)  
108 half-cut cells: JKMxxxM-54HL4-S-TV(xxx=345-410, with increments of 5)  
108 half-cut cells: JKMxxxN-54HL4-V(xxx=365-415, with increments of 5)  
108 half-cut cells: JKMxxxN-54HL4-B-V(xxx=380-400, with increments of 5)  
108 half-cut cells: JKMxxxN-54HL4-TV(xxx=360-405, with increments of 5)  
108 half-cut cells: MMxxx-54HLD-MBV(xxx=360-415, with increments of 5)  
108 half-cut cells: MMxxx-5RLD-MBV(xxx=375-405, with increments of 5)  
108 half-cut cells: MNxxx-54HLD-MBV(xxx=365-415, with increments of 5)  
108 half-cut cells: MNxxx54HLD-BBV (xxx=360-405, with increments of 5)  
108 half-cut cells: MNxxx5RLD-MBV(xxx=375-405, with increments of 5)  
108 half-cut cells: MNxxx5RLD-BBV(xxx=365-405, with increments of 5)

Maximum system voltage: 1500V  
Fuse rating: 25A or 30A  
Application class: Class A  
Electrical protection class: Class II

Module types: **PV Modules with 8" Mono-crystalline Silicon Half-cut Solar Cells**  
132 half-cut cells: JKxxxM-66R5-MWV(xxx=630-665, with increments of 5)  
132 half-cut cells: JKxxxM-66R5-BTV(xxx=630-660, with increments of 5)



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132 half-cut cells: JKxxxM-66H5-MWV (xxx=635-670, with increments of 5)

132 half-cut cells: JKxxxM-66H5-BTV (xxx=630-665, with increments of 5)

Maximum system voltage: 1500V

Fuse rating: 30A

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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**Disclaimer: IEC 61215/IEC 61730 certificates**

**Tiger Monofacial 66 Half Cell -1500V**

**Code: JKM\*\*\*M-6RL3-V**

The following pages represent an extraction from the original certificate (s).

For the case of **Tiger Monofacial 66 Half Cell -1500V (JKM\*\*\*M-6RL3-V)**, the following pages applied:

<b>Certificate Nr.</b>	<b>Certificate Page (s)</b>	<b>Tiger Monofacial 66 Half Cell -1500V</b>
PV 50416412	0001-02 (original annex)	Certification validity until <b>16 Sep 2023. (page 0002)</b> <b>Fire Rating: Class C (page 0002)</b>
PV 50416412	0015-0016	<b>JKM***M-6RL3-V</b> <b>Power range: 360-395 W (Page 0015)</b> Remark on Fire Rating: Class C (page 0016)
PV 50416412	0019-0020 (+updated annex*) *List of factories: Rev 2	<b>JKM***M-6RL3-V</b> <b>Power range: 400 W (Page 0020)</b> Remark on Fire Rating: Class C (page 0020)
PV 50416412	0037-0044 + Latest Annex Update: List of factories: Rev 8	<b>JKM***M-6RL3-V</b> <b>Power range: 405-415 W (Page 0042)</b>

The institute TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90341 Nürnberg has tested and certified the product(s).

Note: Each individual page is a valid document, including the certificate number, signature, and stamp from the testing institute.

If you required the complete document, please contact us for further support.

Europe Technical Support



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LYM-50173415 001	17.09.2018	

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Zertifiziertes Produkt (*Geräteidentifikation*)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Type Designation:

With 6" mono c-Si cells:

JKMxxxM-72-V; JKMSxxxM-72(Plus)-V; JKMxxxM-72L-V;  
JKMSxxxM-72-V; JKMSxxxM-72-V-J  
(xxx=335-385, in steps of 5, 72 cells)

JKMxxxM-60-V; JKMSxxxM-60(Plus)-V; JKMxxxM-60L-V;  
JKMSxxxM-60-V; JKMSxxxM-60-V-J  
(xxx=270-320, in steps of 5, 60 cells)

With 6" mono half-cut c-Si cells:

JKMxxxM-72H-V; JKMSxxxM-72HL-V  
(xxx=335-385, in steps of 5, 144 cells)

JKMxxxM-60H-V; JKMSxxxM-60HL-V  
(xxx=270-320, in steps of 5, 120 cells)

With 6" poly c-Si cells:

JKMxxxPP-72-V; JKMSxxxPP-72(Plus)-V; JKMSxxxPP-72-V;  
JKMSxxxPP-72-V-J (xxx=320-355, in steps of 5, 72 cells)

JKMxxxPP-60-V; JKMSxxxPP-60(Plus)-V; JKMSxxxPP-60-V;  
JKMSxxxPP-60-V-J (xxx=260-290, in steps of 5, 60 cells)

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Continued on Page 2



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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0002

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LYM-50173415 001	17.09.2018	

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 1

4

With 6" poly half-cut c-Si cells:  
JKMxxxPP-72H-V (xxx=330-380, in steps of 5, 144 cells)  
JKMxxxPP-60H-V (xxx=260-315, in steps of 5, 120 cells)

Remarks:  
Class II acc. to IEC 61140  
Max. System Voltage: up to 1500 VDC (Voc at STC)  
Fire Rating: Class C  
Design Load/ Safety Factors: 3600 / 1.5 (downward)  
1600 / 1.5 (upward)

Conditions:  
The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.  
This certificate is valid until 16 September 2023.



4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

**Anlage Fertigungsstättenliste  
/Attachment List of Factories**



PV 50416412 0001

- |                                                                                                                                                                                                         |                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 Zhejiang Jinko Solar Co., Ltd.<br/>Yuan Xi Road<br/>Technical Functional Zone<br/>Yuan Hua Town<br/>Haining, Zhejiang 314416, P. R. China</p>                                                      | <p>2 Jinko Solar Co., Ltd.<br/>No. 1 Jinko Road<br/>Shangrao Economic Development Zone<br/>Jiangxi Province 334100<br/>P. R. China</p>                                                                    |
| <p>3 JINKO SOLAR TECHNOLOGY SDN. BHD.<br/>2481, Tingkat Perusahaan 4<br/>Kawasan Perusahaan Bebas Perai<br/>13600 Perai, Penang<br/>Malaysia</p>                                                        | <p>4 Zhejiang Jinko Solar Co., Ltd.<br/>No.35 Haishi Road,<br/>Jianshan New District, Haining City,<br/>Zhejiang Province. 314415<br/>P. R. China</p>                                                     |
| <p>5 JINKO SOLAR TECHNOLOGY<br/>SDN. BHD. (P2)<br/>2522, Lorong Perusahaan 4<br/>Kawasan Perusahaan Bebas Perai,<br/>Phase 1, 13600 Perai, Penang, Malaysia</p>                                         | <p>6 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)<br/>Lot 10085, Plot C &amp; D<br/>Jalan Perusahaan, Mukim 1<br/>13600 Seberang Perai Tengah, Penang<br/>Malaysia</p>                                           |
| <p>7 Yuhuan Jinkosolar Co., Ltd<br/>At the intersection of Shanghai Road<br/>and Taizhou Road in the third issue of<br/>Yuhuan economic development Zone,<br/>Zhejiang province 317600, P. R. China</p> | <p>8 Jiangsu Jinko Day Sheng Solar Co., Ltd.<br/>No. 228, Yuesheng North Road,<br/>Fanshui Town, Industrial<br/>concentration area, Baoying County,<br/>Yangzhou Jiangsu Province 225819, P. R. China</p> |

9 Jinko Solar Co.,Ltd.(fifth factory)  
NO.1 YingBin Road,  
Shangrao Economic Development Zone,  
Jiangxi Province 334100  
P. R. China



Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 17.09.2018

Zertifizierungsstelle  
/ Certification Body



---

Dipl.-Ing. (TU) G. Reimann

# Zertifikat

# Certificate

**Zertifikat Nr. Certificate No.**  
PV 50416412

**Blatt Sheet**  
0015

<b>Ihr Zeichen Client Reference</b>	<b>Unser Zeichen Our Reference</b>	<b>Ausstellungsdatum Date of Issue</b>	<b>Date of Issue</b>
L.L.F	01-LCH-50173415 017	17.02.2020	(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

Same as Page 1 - 14

4

In addition:

Type Designation:

- With 1/2 cut of mono c-Si cells:
- JKMxxxM-7RL3-V; JKMxxxM-7RL3-V-J  
(xxx=430-470, in steps of 5, 156 cells)
- JKMxxxM-6RL3-V; JKMxxxM-6RL3-V-J  
(xxx=360-395, in steps of 5, 132 cells)
- JKMxxxN-7RL3-V; JKMxxxN-7RL3-V-J  
(xxx=430-470, in steps of 5, 156 cells)
- JKMxxxN-6RL3-V; JKMxxxN-6RL3-V-J  
(xxx=360-395, in steps of 5, 132 cells)
- JKMxxxM-7RL3-TV; JKMxxxM-7RL3-TV-J  
(xxx=420-470, in steps of 5, 156 cells)

Continued on Page 16

4

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) Tim Kirschner**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0016

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-LCH-50173415 017	17.02.2020	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solár Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

### Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Continuation of Page 15  
JKMxxxM-6RL3-TV; JKMxxxM-6RL3-TV-J  
(xxx=355-395, in steps of 5, 132 cells)  
JKMxxxN-7RL3-TV; JKMxxxN-7RL3-TV-J  
(xxx=425-470, in steps of 5, 156 cells)  
JKMxxxN-6RL3-TV; JKMxxxN-6RL3-TV-J  
(xxx=355-395, in steps of 5, 132 cells)  
JKMxxxN-72H-MBB-V (xxx=385-425, in steps of 5, 144 cells)  
JKMxxxN-60H-MBB-V (xxx=320-350, in steps of 5, 120 cells)

4

Remark:  
Fire Rating: Class C according to UL 790

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0019

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 022

Ausstellungsdatum *Date of Issue*  
05.06.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV Module

Same as Page 1-18

4

In addition:

Type Designations:

With 1/2 cut of mono c-Si cells:

JKMxxxN-72H-MBB-B-V (xxx=380-400, in steps of 5, 144 cells)

JKMxxxN-60H-MBB-B-V (xxx=315-330, in steps of 5, 120 cells)

JKMxxxM-72HL-V-Q (xxx=335-425, in steps of 5, 144 cells)

JKMxxxM-60HL-V-Q (xxx=270-350, in steps of 5, 120 cells)

JKMSxxxM-72HL-V-MX3-Q

(xxx=335-395, in steps of 5, 144 cells)

JKMSxxxM-60HL-V-MX3-Q

(xxx=270-340, in steps of 5, 120 cells)

JKMxxxM-78H-V-Q (xxx=405-445, in steps of 5, 156 cells)

JKMxxxM-66H-V-Q (xxx=340-375, in steps of 5, 132 cells)

JKMxxxM-78H-TV-Q (xxx=405-455, in steps of 5, 156 cells)

JKMxxxM-66H-TV-Q (xxx=340-385, in steps of 5, 132 cells)

Continued on Page 20

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0020

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 022

Ausstellungsdatum *Date of Issue*  
05.06.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

Continuation of Page 19

4

JKMxxxN-6TL3-V (xxx=335-365, in steps of 5, 120 cells)  
JKMxxxM-6TL3-V (xxx=335-365, in steps of 5, 120 cells)  
JKMxxxN-6TL3-TV (xxx=325-365, in steps of 5, 120 cells)  
JKMxxxM-6TL3-TV (xxx=325-365, in steps of 5, 120 cells)  
With 1/2 cut of mono c-Si cells:  
JKMxxxN-7RL3-V; JKMxxxN-7RL3-V-J (xxx=475, 156 cells)  
JKMxxxN-6RL3-V; JKMxxxN-6RL3-V-J (xxx=400, 132 cells)  
JKMxxxM-7RL3-V; JKMxxxM-7RL3-V-J (xxx=475, 156 cells)  
JKMxxxM-6RL3-V; JKMxxxM-6RL3-V-J (xxx=400, 132 cells)  
JKMxxxN-7RL3-TV; JKMxxxN-7RL3-TV-J (xxx=475, 156 cells)  
JKMxxxN-6RL3-TV; JKMxxxN-6RL3-TV-J (xxx=400, 132 cells)  
JKMxxxM-7RL3-TV; JKMxxxM-7RL3-TV-J (xxx=475, 156 cells)  
JKMxxxM-6RL3-TV; JKMxxxM-6RL3-TV-J (xxx=400, 132 cells)

Remarks:

Fire Rating: Class C according to UL 790

Change:

Manufacturing name and address: see annex

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

**Dipl.-Ing. (FH) Tim Kirschner**



**Anlage Fertigungsstättenliste  
/Attachment List of Factories**



PV 50416412 0001

Anlagenrevision / Annex revision

2

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 Laiwu Kelin Solar Power Co., Ltd.<br/>Room 101, No. 7 Zhenxing Road,<br/>Laiwu Economic Development Zone,<br/>Shandong Province<br/>271100 Shandong<br/>P.R. China</p> <p>3 Tongwei Solar (Hefei) Co., Ltd.<br/>No. 888 Changning Road,<br/>High-tech District<br/>Hefei<br/>230088 Anhui<br/>P.R. China</p> <p>5 Green Intelligent Photovoltaic Nantong<br/>Co. Ltd.<br/>No. 1 haiyue road,<br/>sutong science and technology<br/>industrial park<br/>Nantong city<br/>226000 Jiangsu, P.R. China</p> <p>7 GUANGDONG FIVE STAR SOLAR<br/>ENERGY CO. LTD.<br/>No.1, the 1st industry Zone Road,<br/>Liuchongwei, Wanjiang District<br/>Dongguan<br/>523051 Guangdong<br/>P.R. China</p> | <p>2 HT SOLAR VIETNAM LIMITED COMPANY.<br/>F3-1 and F3-2 Workshop,<br/>Lot F3, Trang Due Industrial Park,<br/>a part of Dinh Vu Cat Hai Economic<br/>Zone, Hong Phong Commune,<br/>An Duong District, Hai Phong City<br/>Vietnam</p> <p>4 Jinko Solar Technology<br/>(Haining) Co.,Ltd.<br/>No.89, Lianhong Road,<br/>Yuanhua town,<br/>Haining City, Jiaxing City,<br/>Zhejiang<br/>P.R. China</p> <p>6 Nantong Pengneng Industrial<br/>Co., Ltd.<br/>Group 2, Jinqiao Village,<br/>Chahe Town, Rudong Country<br/>Nantong<br/>226403 Jiangsu<br/>P.R. China</p> <p>8 LDK SOLAR HIGH-TECH( NANCHANG)<br/>CO., LTD.<br/>No.1699 Tianxiang Road,<br/>Hi-Tech Industrial<br/>Development Zone,<br/>Nanchang<br/>Jiangxi, P.R. China</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- 9 Jinko Solar (U.S.) Industries Inc.  
4660 POW-MIA  
MEMORIAL PARKWAY, SUITE 200,  
JACKSONVILLE, FL 32221  
USA
- 10 GK Solar Power Corp., Ltd  
Yiyuan County,  
Zibo  
256100 Shandong  
P.R. China
- 11 Jinko Solar Technology Sdn. Bhd. (P6)  
2480, Tingkat Perusahaan Enam,  
Perai Free Trade Zone,  
13600 Perai, Penang  
Malaysia
- 12 Jinko Solar Technology Sdn. Bhd. (P5)  
Plot 538 Tingkat Perusahaan 4B,  
Perai Free Trade Zone  
13600 Perai, Penang  
Malaysia
- 13 Jiangsu Focus New Energy Technology  
Co., Ltd. (Factory)  
No. 66, Lifa Avenue  
Development Zone, Hai'an County  
Nantong  
226600 Jiangsu  
P.R. China
- 14 Jiangsu Jinko Day Sheng Solar Co., Ltd.  
No. 228, Yuesheng North Road,  
Fanshui Town, Industrial  
concentration area, Baoying County,  
Yangzhou  
225819 Jiangsu  
P.R. China
- 15 Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development Zone,  
Shangrao City  
334100 Jiangxi  
P.R. China
- 16 Yuhuan Jinkosolar Co., Ltd  
At the intersection of Shanghai Road  
and Taizhou Road in the third issue of  
Yuhuan economic development Zone,  
317600 Zhejiang  
P.R. China

17 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)  
Lot 10085, Plot C & D  
Jalan Perusahaan, Mukim 1  
13600 Seberang Perai Tengah, Penang  
Malaysia

19 Zhejiang Jinko Solar Co., Ltd.  
No.35 Haishi Road,  
Jianshan New District, Haining City,  
314415 Zhejiang  
P.R. China

21 VINA SOLAR TECHNOLOGY CO., LTD  
Lot CN-03 Factory E12,  
Van Trung Industrial Park,  
Bac Giang Province  
Vietnam

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

18 JINKO SOLAR TECHNOLOGY  
SDN. BHD. (P2)  
2522, Lorong Perusahaan 4  
Kawasan Perusahaan Bebas Perai,  
Phase 1  
13600 Perai, Penang  
Malaysia

20 JINKO SOLAR TECHNOLOGY SDN. BHD.  
2481, Tingkat Perusahaan 4  
Kawasan Perusahaan Bebas Perai  
13600 Perai, Penang  
Malaysia

22 Zhejiang Jinko Solar Co., Ltd.  
Yuan Xi Road  
Technical Functional Zone  
Yuan Hua Town  
Haining  
314416 Zhejiang  
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 17.09.2018

Zertifizierungsstelle  
/ Certification Body



Dipl.-Ing. (EH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0037

Ihr Zeichen *Client Reference*

L.L.F

Unser Zeichen *Our Reference*

01-VZJ-50173415 034

Ausstellungsdatum

30.12.2020

*Date of Issue*

(day/mo/yr)

Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision  
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)

*Certified Product (Product Identification)*

Lizenzentgelte - Einheit

*License Fee - Unit*

PV Module

Same as Page 1 - 36

4

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

MMxxx-72HLM-MBV (xxx=420-455, in steps of 5, 144 cells)  
MMxxx-60HLM-MBV (xxx=350-375, in steps of 5, 120 cells)  
JKMxxxN-72HL4-V (xxx=485-555, in steps of 5, 144 cells)  
JKMxxxN-66HL4-V (xxx=445-505, in steps of 5, 132 cells)  
JKMxxxN-60HL4-V (xxx=405-460, in steps of 5, 120 cells)  
JKMxxxN-54HL4-V (xxx=365-415, in steps of 5, 108 cells)  
JKMxxxN-72HL4-TV (xxx=480-545, in steps of 5, 144 cells)  
JKMxxxN-66HL4-TV (xxx=440-495, in steps of 5, 132 cells)  
JKMxxxN-60HL4-TV (xxx=400-450, in steps of 5, 120 cells)  
JKMxxxN-54HL4-TV (xxx=360-405, in steps of 5, 108 cells)

Continued on Page 38

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0038

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-VZJ-50173415 034	30.12.2020	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

In continuation of Page 37

JKMxxxN-7RL4-V (xxx=535-590, in steps of 5, 156 cells)  
JKMxxxN-7TL4-V (xxx=495-540, in steps of 5, 144 cells)  
JKMxxxN-6RL4-V (xxx=455-495, in steps of 5, 132 cells)  
JKMxxxN-6TL4-V (xxx=415-450, in steps of 5, 120 cells)  
JKMxxxN-5RL4-V (xxx=375-405, in steps of 5, 108 cells)  
JKMxxxN-7RL4-TV (xxx=520-585, in steps of 5, 156 cells)  
JKMxxxN-7TL4-TV (xxx=480-540, in steps of 5, 144 cells)  
JKMxxxN-6RL4-TV (xxx=440-495, in steps of 5, 132 cells)  
JKMxxxN-6TL4-TV (xxx=400-450, in steps of 5, 120 cells)  
JKMxxxN-5RL4-TV (xxx=365-405, in steps of 5, 108 cells)

Continued on Page 39

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) F. He**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0039

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***

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

**Fertigungsstätte *Manufacturing Plant***

Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

**PV Module**

In continuation of Page 38

JKMxxxM-72HL4-B-V (xxx=510-535, in steps of 5, 144 cells)  
JKMxxxM-66HL4-B-V (xxx=465-490, in steps of 5, 132 cells)  
JKMxxxM-60HL4-B-V (xxx=425-445, in steps of 5, 120 cells)  
JKMxxxM-54HL4-B-V (xxx=380-400, in steps of 5, 108 cells)  
JKMxxxN-72HL4-B-V (xxx=510-535, in steps of 5, 144 cells)  
JKMxxxN-66HL4-B-V (xxx=465-490, in steps of 5, 132 cells)  
JKMxxxN-60HL4-B-V (xxx=425-445, in steps of 5, 120 cells)  
JKMxxxN-54HL4-B-V (xxx=380-400, in steps of 5, 108 cells)  
JKMxxxM-7RL4-B-V (xxx=540-575, in steps of 5, 156 cells)  
JKMxxxM-7TL4-B-V (xxx=495-530, in steps of 5, 144 cells)

Continued on Page 40

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 <http://www.tuv.com/safety>

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) F. He**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0040

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/mo/yr)
L.L.F	01-VZJ-50173415 034	30.12.2020	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

In continuation of Page 39

JKMxxxM-6RL4-B-V (xxx=455-485, in steps of 5, 132 cells)	4
JKMxxxM-6TL4-B-V (xxx=415-440, in steps of 5, 120 cells)	
JKMxxxM-5RL4-B-V (xxx=375-395, in steps of 5, 108 cells)	
JKMxxxN-7RL4-B-V (xxx=540-575, in steps of 5, 156 cells)	
JKMxxxN-7TL4-B-V (xxx=495-530, in steps of 5, 144 cells)	
JKMxxxN-6RL4-B-V (xxx=455-485, in steps of 5, 132 cells)	
JKMxxxN-6TL4-B-V (xxx=415-440, in steps of 5, 120 cells)	
JKMxxxN-5RL4-B-V (xxx=375-395, in steps of 5, 108 cells)	

Continued on Page 41

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**

**Dipl.-Ing. (FH) F. He**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0041

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 034	30.12.2020	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



- Geprüft nach *Tested acc. to***
- IEC 61215-1:2016
  - IEC 61215-1-1:2016
  - IEC 61215-2:2016
  - IEC 61730-1:2016
  - IEC 61730-2:2016
  - EN 61215-1:2016
  - EN 61215-2:2017
  - EN 61215-1-1:2016
  - EN IEC 61730-1:2018
  - EN IEC 61730-2:2018

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

**Lizenzentgelte - Einheit  
*License Fee - Unit***

### PV Module

In continuation of Page 40  
With ½ cut of mono c-Si cells:  
JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J  
(xxx=580-590, in steps of 5, 156 cells)  
JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J  
(xxx=535-540, in steps of 5, 144 cells)  
JKMxxxM-6RL4-V (xxx=490-495, in steps of 5, 132 cells)  
JKMxxxM-6TL4-V (xxx=445-450, in steps of 5, 120 cells)  
JKMxxxM-5RL4-V (xxx=400-405, in steps of 5, 108 cells)  
JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J  
(xxx=580-590, in steps of 5, 156 cells)  
JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J  
(xxx=535-540, in steps of 5, 144 cells)  
Continued on Page 42

4

4

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety





# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0042

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

In continuation of Page 41  
JKMxxxM-6RL4-TV (xxx=490-495, in steps of 5, 132 cells)  
JKMxxxM-6TL4-TV (xxx=445-450, in steps of 5, 120 cells)  
JKMxxxM-5RL4-TV (xxx=400-405, in steps of 5, 108 cells)  
JKMxxxM-7RL3-V, JKMSxxxM-7RL3-V-J, JKMSxxxM-7RL3-V-TI  
(xxx=480-495, in steps of 5, 156 cells)  
JKMxxxM-6RL3-V, JKMSxxxM-6RL3-V-J, JKMSxxxM-6RL3-V-TI  
(xxx=405-415, in steps of 5, 132 cells)  
JKMxxxM-6TL3-V, JKMSxxxM-6TL3-V-TI  
(xxx=370-380, in steps of 5, 120 cells)  
JKMxxxN-7RL3-V, JKMSxxxN-7RL3-V-J, JKMSxxxN-7RL3-V-TI  
(xxx=480-490, in steps of 5, 156 cells)  
Continued on Page 43

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) F. He**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0043

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum  
30.12.2020

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

In continuation of Page 42

JKMxxxN-6RL3-V, JKMxxxN-6RL3-V-J, JKMSxxxN-6RL3-V-TI

(xxx=405-410, in steps of 5, 132 cells)

JKMxxxN-6TL3-V, JKMSxxxN-6TL3-V-TI

(xxx=370-375, in steps of 5, 120 cells)

JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J

(xxx=545-555, in steps of 5, 144 cells)

JKMxxxM-66HL4-V (xxx=500-505, in steps of 5, 132 cells)

JKMxxxM-60HL4-V (xxx=455-460, in steps of 5, 120 cells)

JKMxxxM-54HL4-V (xxx=410-415, in steps of 5, 108 cells)

Continued on Page 44

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) F. He**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0044

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

## PV Module

In continuation of Page 43  
JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J  
(xxx=540-550, in steps of 5, 144 cells)  
JKMxxxM-66HL4-TV (xxx=495-500, in steps of 5, 132 cells)  
JKMxxxM-60HL4-TV (xxx=450-455, in steps of 5, 120 cells)  
JKMxxxM-54HL4-TV (xxx=405-410, in steps of 5, 108 cells)

4

Remarks:  
Changes:  
Manufacturing Plant update: see annex.

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (FH) F. He

**Anlage Fertigungsstättenliste  
/Attachment List of Factories**



PV 50416412 0001

Anlagenrevision / Annex revision

8

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 Jinko Solar(Shangrao)Co., Ltd.<br/>No.1,Yingbin Road, Economic Development Zone,<br/>Shangrao City,<br/>334100 Jiangxi<br/>P.R. China</p> <p>3 VIETNAM SUNERGY JOINT STOCK COMPANY<br/>Lot B1, B2, Dinh Tram Industrial Prk<br/>Hoang Ninh Commune, Viet Yen District,<br/>230000 Bac Giang Province,<br/>Vietnam</p> <p>5 Jinko Solar (Chuzhou) Co., Ltd<br/>NO. 18 Liming Road, Lai'an Economic<br/>Development Zone, Chuzhou City,<br/>239200 Anhui<br/>P.R. China</p> <p>7 Tangshan Haitai New Energy<br/>Technology Co., Ltd.<br/>No.88, Haomen Road,<br/>Yutai Industrial Park, Yutian County,<br/>Tangshan City<br/>064100 Hebei<br/>P.R. China</p> | <p>2 GREEN WING SOLAR TECHNOLOGY<br/>CO., LTD.<br/>Lot D1-1,Dai Dong-Hoan Son<br/>Industrialpark, Hoan Son Commune,<br/>Tien Du District,<br/>Bac Ninh Province<br/>Vietnam</p> <p>4 Jinko Solar (Yiwu) Co., Ltd<br/>No. 1555, Chengxin Road,<br/>Niansanli Street, Yiwu City,<br/>322013 Zhejiang<br/>P.R. China</p> <p>6 Jinko Solar Technology<br/>(Haining) Co.,Ltd.<br/>No.89, Lianhong Road,<br/>Yuanhua town,<br/>Haining City, Jiaxing City,<br/>Zhejiang<br/>P.R. China</p> <p>8 Jinko Solar (U.S.) Industries Inc.<br/>4660 POW-MIA<br/>MEMORIAL PARKWAY, SUITE 200,<br/>JACKSONVILLE, FL 32221<br/>USA</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- |                                                                                                                                                                             |                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>9 Laiwu Kelin Solar Power Co., Ltd.<br/>Room 101, No. 7 Zhenxing Road,<br/>Laiwu Economic Development Zone,<br/>Shandong Province<br/>271100 Shandong<br/>P.R. China</p> | <p>10 Jinko Solar Technology Sdn. Bhd. (P6)<br/>2480, Tingkat Perusahaan Enam,<br/>Perai Free Trade Zone,<br/>13600 Perai, Penang<br/>Malaysia</p>                                                   |
| <p>11 Jinko Solar Technology Sdn. Bhd. (P5)<br/>Plot 538 Tingkat Perusahaan 4B,<br/>Perai Free Trade Zone<br/>13600 Perai, Penang<br/>Malaysia</p>                          | <p>12 Jiangsu Jinko Day Sheng Solar Co.,Ltd.<br/>No. 228, Yuesheng North Road,<br/>Fanshui Town,Industrial<br/>concentration area,Baoying County,<br/>Yangzhou<br/>225819 Jiangsu<br/>P.R. China</p> |
| <p>13 Jiangsu hong de technology<br/>development co.,LTD<br/>Tianshan Industrial Park<br/>Gaoyou City<br/>Jiangsu<br/>P.R. China</p>                                        | <p>14 JINKO SOLAR TECHNOLOGY<br/>SDN. BHD.(P2)<br/>2522, Lorong Perusahaan 4<br/>Kawasan Perusahaan Bebas Perai,<br/>Phase 1<br/>13600 Perai, Penang<br/>Malaysia</p>                                |
| <p>15 Jiangsu Focus Solar Energy Technology<br/>Co., LTD.<br/>No. 66 Lifa Avenue, Development Zone,<br/>Hai'an County,Nantong City,<br/>Jiangsu<br/>P.R. China</p>          | <p>16 Jinko Solar Co.,Ltd.<br/>No.1,Yingbin Road,<br/>Economic Development Zone,<br/>Shangrao City<br/>334100 Jiangxi<br/>P.R. China</p>                                                             |

- 17 Zhejiang Jinko Solar Co., Ltd.  
No.35 Haishi Road,  
Jianshan New District, Haining City,  
314415 Zhejiang  
P.R. China
- 18 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)  
Lot 10085, Plot C & D  
Jalan Perusahaan, Mukim 1  
13600 Seberang Perai Tengah, Penang  
Malaysia
- 19 HT SOLAR VIETNAM LIMITED COMPANY.  
F3-1 and F3-2 Workshop,  
Lot F3, Trang Due Industrial Park,  
a part of Dinh Vu Cat Hai Economic  
Zone, Hong Phong Commune,  
An Duong District, Hai Phong City  
Vietnam
- 20 Yuhuan Jinkosolar Co., Ltd  
At the intersection of Shanghai Road  
and Taizhou Road in the third issue of  
Yuhuan economic development Zone,  
317600 Zhejiang  
P.R. China
- 21 Tongwei Solar (Hefei) Co., Ltd.  
No. 888 Changning Road,  
High-tech District  
Hefei  
230088 Anhui  
P.R. China
- 22 GK Solar Power Corp.,Ltd  
Yiyuan County,  
Zibo  
256100 Shandong  
P.R. China
- 23 Nantong Pengneng Industrial  
Co., Ltd.  
Group 2, Jinqiao Village,  
Chahe Town, Rudong Country  
Nantong  
226403 Jiangsu  
P.R. China
- 24 Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town,  
Haining City, Jiaxing City,  
314416 Zhejiang  
P.R. China

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

26 Jinko Solar (Yiwu) Co., Ltd  
No. 1555, Chengxin Road,  
Niansanli Street, Yiwu City,  
322013 Zhejiang  
P.R. China

27 VIETNAM SUNERGY JOINT STOCK COMPANY  
Lot B1, B2, Dinh Tram Industrial Prk  
Hoang Ninh Commune, Viet Yen District,  
230000 Bac Giang Province,  
Vietnam

28 GREEN WING SOLAR TECHNOLOGY  
CO., LTD.  
Lot D1-1, Dai Dong-Hoan Son  
Industrialpark, Hoan Son Commune,  
Tien Du District,  
Bac Ninh Province  
Vietnam

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

Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 17.09.2018

Zertifizierungsstelle  
/ Certification Body

Dipl.-Ing. (FH) Tim Kirschner

