

**To:**

Company: Jinko Solar Co., Ltd.  
Contact: Ms. Lifang Liu  
Email: llf@jinkosolar.com

**From:**

Company: TÜV NORD (HANGZHOU) CO., LTD.  
Contact: Mr./Ms. Miley Li  
Email: wli@tuv-nord.com

2020-09-02

**Subject: Declaration of cancellation**

File No.: PVP06027/20P

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

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

Manufacturer 2: **Zhejiang Jinko Solar Co., Ltd.**  
Yuan Xi Road, Technical Functional Zone, Yuan Hua Town  
Haining City, Zhejiang Province, 314416, P. R. China

Manufacturer 3: **JINKO SOLAR TECHNOLOGY SDN. BHD.**  
2481, Tingkat Perusahaan 4A, Kawasan Perusahaan Bebas Perai, 13600 Perai,  
Penang, Malaysia

Manufacturer 4: **Zhejiang Jinko Solar Co., Ltd.**  
No.35 Haishi Road, Jianshan New District  
Haining City, Zhejiang Province, 314415, P. R. China

Manufacturer 5: **Jinko Solar Technology Sdn Bhd**  
2522, Lorong Perusahaan 4, Kawasan Perusahaan Bebas Perai, Phase 1  
13600 Perai, Penang

Manufacturer 6: **Jinko Solar Technology Sdn Bhd**  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah,  
13600 Prai, Penang

Manufacturer 7: **Vina Solar Technology Co., Ltd.**  
E12 factory, lot CN-03, Van Trung Industrial park  
21000 Bac Giang Province, Vietnam

Manufacturer 8: **Yuhuan Jinkosolar 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

Manufacturer 9: **Jiangsu Jinko Day sheng Solar Co., Ltd.**  
No.228 Yuesheng North Road Industry center, Fanshui Town  
Baoying County, Yangzhou City, Jiangsu Province, P. R. China

Manufacturer 10: **Jinko Solar Co., Ltd. (fifth factory)**  
NO.1 YingBin Road, Shangrao Economic Development Zone  
Jiangxi Province, 334100, P. R. China

- Manufacturer 11: **Jiangsu Hong De Technology Development Co., Ltd.**  
Tianshan Industrial Concentration Zone  
Gaoyou City, Jiangsu Province, P. R. China
- Manufacturer 12: **Laiwu Kelin Solar Power Co., Ltd.**  
Room 101, No. 7, Zhenxing Road, Laiwu Economic Development Zone  
Shandong Province, 271100, P. R. China
- Manufacturer 13: **Tangshan Haitai New Energy Technology Co., Ltd.**  
Yutai Industrial Zone, Yutian, Tangshan City  
Hebei Province, 064100, P. R. China
- Manufacturer 14: **LDK SOLAR HI-TECH (NANCHANG) Co., Ltd.**  
No. 1699, Tianxiang Avenue High-tech Zone  
Nanchang City, Jiangxi Province, P. R. China
- Manufacturer 15: **GK Solar Power Corp., Ltd.**  
No. 1, Nanyue Road, Economic Development Zone, Yiyuan Country  
Zibo City, Shandong Province, 256100, P.R. China
- Manufacturer 16: **Jiangsu Focus New Energy Technology Co., Ltd.**  
No. 66, Lifa Avenue Development Zone, Hai'an County  
Nantong City, Jiangsu Province, 226600, P. R. China
- Manufacturer 17: **Jinko Solar Technology Sdn. Bhd.**  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Penang, Malaysia
- Manufacturer 18: **Jinko Solar Technology Sdn Bhd.**  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Penang, Malaysia
- Manufacturer 19: **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
- Manufacturer 20: **GuangDong FiveStar Solar Energy Co., Ltd.**  
No.1, the 1st Industry Zone Road, Liuchongwei, Wanjiang District  
Dongguan City, Guangdong Province, 523051, P.R. China
- Manufacturer 21: **Tongwei Solar (Hefei) Co., Ltd.**  
No.888, Changning Road, High-tech District  
Hefei City, Anhui Province, P. R. China
- Manufacturer 22: **Hunan Red Solar New Energy Science and Technology Co., Ltd.**  
1025, Xinkaipu Road, Tianxin District  
Changsha City, Hunan Province, 410111, P.R. China
- Manufacturer 23: **Nantong Peng Neng Industrial Co., Ltd.**  
Two groups of Jinqiao village, Cha He Town  
Rudong County, Jiangsu Province, 226400, P.R. China
- Manufacturer 24: **Jinko Solar (U.S.) Industries Inc.**  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville, FL, 32221, USA

Manufacturer 25: **Jinko Solar Technology (Haining) Co., Ltd.**  
No. 89 Lianhong Road, Yuanhua Town, Haining City  
Zhejiang Province, P.R. China

Manufacturer 26: **Jinko Solar (Yiwu) Co., Ltd**  
1555# Chengxin Road, Niansanli street  
Yiwu city, Zhejiang Province, P.R. China

Manufacturer 27: **Solar Philippines Module Manufacturing Corporation.**  
Lot 17 Phase 1A FPIP-SEZ, Sto. Tomas, Batangas  
Philippines, 4234

Manufacturer 28: **Jinko Solar (Chuzhou) Co., Ltd.**  
No. 18 Liming Road, Lai'an Economic Development Zone  
Chuzhou City, Anhui Province, P.R. China

Certificate No.: 44 780 20 406749 – 120R2A1M2

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Herewith it is declared, that the above noted certificate(s) has (have) been invalidated since the date 2020-09-02.


The cancellation is to:

- License holder applied for cancellation.
- New certificate(s) has (have) been issued to replace the cancelled one(s).  
(New certificate(s) :44 780 20 406749 - 120R3A1M3)
- Annual factory inspection is refused by the license holder or the manufacturer.
- Factory Inspection fee or annual fee or registration fee is not paid by License Holder or Manufacturer.
- Others. (N/A)

Please pay attention to stop using the invalid certificate(s) from 2020-09-02. Meanwhile, please send back the original copies of above mentioned certificate(s) to us.

TÜV NORD reserved the right of final explanation about the cancellation of certificate(s). TÜV NORD will not take any responsibility for the circumstance of misusing the invalid certificate(s) by the license holder or the manufacturer.

PV Business - Renewable Energy  
TÜV NORD (Hangzhou) Co., Ltd.

Miley Li   
Technical Support

# 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**



Valid from: 2020-09-02

Valid until: 2025-07-08

Tested according to: 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 - 120R3A1M3

Manufacturer: see Annex 1

Test Report No.: 492011447.004

File No.: PVP07009/20P



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



Essen, 2020-09-02

Please also pay attention to the information stated overleaf.

**Manufacturer:**

- Manufacturer 1: **Jinko Solar Co., Ltd.**  
No.1, Jinko Road, Shangrao Economic Development Zone  
Shangrao City, Jiangxi Province, 334100, P.R. China  
Factory inspection report no.: 862010818.007
- Manufacturer 2: **Zhejiang Jinko Solar Co., Ltd.**  
Yuan Xi Road, Technical Functional Zone, Yuan Hua Town  
Haining City, Zhejiang Province, 314416, P.R. China  
Factory inspection report no.: 862010206.007
- Manufacturer 3: **Jinko Solar Technology Sdn Bhd.**  
2481, Tingkat Perusahaan 4A, Kawasan Perusahaan Bebas Perai  
13600, Perai, Penang, Malaysia  
Factory inspection report no.: 862010278.005
- Manufacturer 4: **Zhejiang Jinko Solar Co., Ltd.**  
No.35 Haishi Road, Jianshan New District  
Haining City, Zhejiang Province. 314415, P.R. China  
Factory inspection report no.: 862010305.004
- Manufacturer 5: **Jinko Solar Technology Sdn Bhd.**  
2522, Lorong Perusahaan 4, Kawasan Perusahaan Bebas Perai, Phase 1,  
13600, Perai, Penang  
Factory inspection report no.: 862010306.004
- Manufacturer 6: **Jinko Solar Technology Sdn Bhd.**  
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai  
Tengah, 13600 Perai, Penang  
Factory inspection report no.: 862010307.004
- Manufacturer 7: **Vina Solar Technology Co., Ltd.**  
E12 factory, lot CN-03, Van Trung Industrial park  
21000 Bac Giang Province, Vietnam  
Factory inspection report no.: 862010318.004



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

Manufacturer 8:	<b>Yuhuan Jinko solar Co., Ltd.</b> 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.:	862010340.003
Manufacturer 9:	<b>Jiangsu Jinko Day sheng Solar Co., Ltd.</b> No.228 Yuesheng North Road Industry center, Fanshui Town Baoying County, Yangzhou City, Jiangsu Province, P.R. China
Factory inspection report no.:	862010372.003
Manufacturer 10:	<b>Jinko Solar Co., Ltd. (fifth factory)</b> NO.1 YingBin Road, Shangrao Economic Development Zone Jiangxi Province, 334100, P. R. China
Factory inspection report no.:	862010380.002
Manufacturer 11:	<b>Jiangsu Hong De Technology Development Co., Ltd.</b> Tianshan Industrial Concentration Zone Gaoyou City, Jiangsu Province, P. R. China
Factory inspection report no.:	862010396.003
Manufacturer 12:	<b>Laiwu Kelin Solar Power Co., Ltd.</b> Room 101, No. 7 Zhenxing Road, Laiwu Economic Development Zone Shandong Province, 271100, P. R. China
Factory inspection report no.:	862010389.002
Manufacturer 13:	<b>Tangshan Haitai New Energy Technology Co., Ltd.</b> Yutai Industrial Zone, Yutian, Tangshan City Hebei Province, 064100, P. R. China
Factory inspection report no.:	862010337.003
Manufacturer 14:	<b>LDK SOLAR HI-TECH (NANCHANG) Co., Ltd.</b> No. 1699, Tianxiang Avenue High-tech Zone Nanchang City, Jiangxi Province, P. R. China
Factory inspection report no.:	862010405.002



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

Manufacturer 15: **GK Solar Power Corp., Ltd.**  
No. 1, Nanyue Road, Economic Development Zone, Yiyuan Country  
Zibo City, Shandong Province, 256100, P.R. China  
Factory inspection report no.: 862010407.002

Manufacturer 16: **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.: 862010410.002

Manufacturer 17: **Jinko Solar Technology Sdn. Bhd.**  
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone  
13600 Perai, Penang, Malaysia  
Factory inspection report no.: 862010416.002

Manufacturer 18: **Jinko Solar Technology Sdn Bhd.**  
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone  
13600 Perai, Penang, Malaysia  
Factory inspection report no.: 862010417.002

Manufacturer 19: **HTSOLAR VIETNAM LIMITED COMPANY**  
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh  
Vu-Cat Hai economic zone, Hong phong commune, An Duong District,  
Haiphong city, Vietnam  
Factory inspection report no.: 862010420.002

Manufacturer 20: **GuangDong FiveStar Solar Energy Co., Ltd.**  
No.1, the 1st Industry Zone Road, Liuchongwei, Wanjiang District  
Dongguan City, Guangdong Province, 523051, P.R. China  
Factory inspection report no.: 862010424.002

Manufacturer 21: **Tongwei Solar (Hefei) Co., Ltd.**  
No.888, Changning Road, High-tech District  
Hefei City, Anhui Province, P. R. China  
Factory inspection report no.: 862010358.003



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

Manufacturer 22: **Hunan Red Solar New Energy Science and Technology Co., Ltd.**  
1025, Xinkaipu Road, Tianxin District  
Changsha City, Hunan Province, 410111, P.R. China

Factory inspection report no.: 862010313.004

Manufacturer 23: **Nantong Peng Neng Industrial Co., Ltd.**  
Two groups of Jinqiao village, Cha He Town  
Rudong County, Jiangsu Province, 226400, P.R. China

Factory inspection report no.: 862010433.001

Manufacturer 24: **Jinko Solar (U.S.) Industries Inc.**  
4660 Pow-Mia Memorial Parkway, Suite 200  
Jacksonville, FL, 32221, USA

Factory inspection report no.: 862010440.001

Manufacturer 25: **Jinko Solar Technology (Haining) Co., Ltd.**  
No. 89 Lianhong Road, Yuanhua Town, Haining City  
Zhejiang Province, P.R. China

Factory inspection report no.: 862010467.001

Manufacturer 26: **Jinko Solar (Yiwu) Co., Ltd.**  
1555# Chengxin Road, Niansanli street  
Yiwu city, Zhejiang Province, P.R. China

Factory inspection report no.: 862010488.001

Manufacturer 27: **Solar Philippines Module Manufacturing Corporation**  
Lot 17 Phase 1A FPIP-SEZ, Sto. Tomas, Batangas  
Philippines, 4234

Factory inspection report no.: 862010490.001

Manufacturer 28: **Jinko Solar (Chuzhou) Co., Ltd.**  
No. 18 Liming Road, Lai'an Economic Development Zone  
Chuzhou City, Anhui Province, P.R. China

Factory inspection report no.: 862010491.001



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



Remark:

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

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

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

**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)



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

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: 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)  
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: 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)



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

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)



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

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=260-290, 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" 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)  
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-60BL-MX3(xxx=270-340, 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)

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 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: 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: JKMxxxM-78H-T(xxx=405-455, with increments of 5)



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- 156 half-cut cells: JKMxxxN-78H-T (xxx=410-460, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3 (xxx=430-470, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-J (xxx=430-470, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3 (xxx=430-475, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-J (xxx=430-475, with increments of 5)
- 156 half-cut cells: JKMSxxxN-7RL3-TI (xxx=430-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-T (xxx=420-470, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-T-J (xxx=420-470, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-T (xxx=425-470, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-T-J (xxx=425-470, 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: 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)
- 156 half-cut cells: SMMxxx-78HLA-AB-TI (xxx=405-435, with increments of 5)
- 144 half-cut cells: JKMxxxM-72H (xxx=250-420, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL (xxx=250-420, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HB (xxx=250-420, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HBL (xxx=250-420, 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)



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- 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)
- 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: 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: JKMxxxM-72HLM(xxx=420-455, 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: 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: 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=360-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-J(xxx=360-395, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3(xxx=360-400, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-J(xxx=360-400, with increments of 5)
- 132 half-cut cells: JKMSxxxN-6RL3-TI(xxx=360-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-T(xxx=355-395, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-T-J(xxx=355-395, with increments of 5)



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- 132 half-cut cells: JKMxxxN-6RL3-T(xxx=355-395, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-T-J(xxx=355-395, 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)
- 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)
- 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-60H-MBB-B(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: JKMxxxM-60H-MBB-T(310-360,with increments of 5)



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120 half-cut cells: JKMxxxN-60H-MBB-T(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(320-350, with increments of 5)

120 half-cut cells: JKMxxxM-60HLM(350-375, with increments of 5)

120 half-cut cells: JKMxxxM-6TL3-B(320-365, with increments of 5)

120 half-cut cells: JKMSxxxM-6TL3-B-TI(320-365, with increments of 5)

120 half-cut cells: JKMxxxN-6TL3(335-365, with increments of 5)

120 half-cut cells: JKMSxxxN-6TL3-TI(335-365, with increments of 5)

120 half-cut cells: JKMxxxN-6TL3-B(320-365, with increments of 5)

120 half-cut cells: JKMSxxxN-6TL3-B-TI(320-365, 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" 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- (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)
- 60 cells: JKMSxxxPP-60(Plus)-MX-V(xxx=210-325, with increments of 5)



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	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:	<b>PV Modules with 6" Poly-crystalline Silicon Half-cut Solar Cells:</b>
	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: 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=250-395, with increments of 5)  
72 cells: JKMSxxxM-72L-V-MX3(xxx=250-395, 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: 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)  
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)



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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: 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: 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=430-470, with increments of 5)



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- 156 half-cut cells: JKMxxxM-7RL3-V-J(xxx=430-470, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-V(xxx=430-475, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-V-J(xxx=430-475, with increments of 5)
- 156 half-cut cells: JKMSxxxM-7RL3-V-TI(xxx=430-490, 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=420-470, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-TV-J(xxx=420-470, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-TV(xxx=425-475, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL3-TV-J(xxx=425-475, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL3-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: JKMSxxxN-7RL3-B-V-TI(xxx=425-480, with increments of 5)
- 156 half-cut cells: JKMSxxxN-7RL3-V-TI(xxx=430-485, with increments of 5)
- 156 half-cut cells: JKMxxxM-78H-MBB-V(xxx=405-465, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL4-TV(xxx=490-585, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL4-TV-J(xxx=490-585, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL4-V(xxx=490-585, with increments of 5)
- 156 half-cut cells: JKMxxxM-7RL4-V-J(xxx=490-585, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL4-V(xxx=500-605, with increments of 5)
- 156 half-cut cells: JKMxxxN-7RL4-TV(xxx=500-605, with increments of 5)
- 144 half-cut cells: JKMxxxN-7TL4-TV(xxx=460-540, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-TV(xxx=465-555, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-TV-J(xxx=460-540, with increments of 5)
- 144 half-cut cells: JKMxxxM-7TL4-V(xxx=480-540, with increments of 5)



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- 144 half-cut cells: JKMxxxM-7TL4-V-J(xxx=480-540, with increments of 5)
- 144 half-cut cells: JKMxxxN-7TL4-V(xxx=465-555, 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: JKMxxxM-72HLM-V(xxx=420-455, 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)
- 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-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)



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- 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: SMMxxx-72HLA-MBV-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: SMMxxx-72HLA-ABV-MX3(xxx=250-395, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-V(xxx=460-540, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-V-J(xxx=460-540, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-TV(xxx=460-540, with increments of 5)
- 144 half-cut cells: JKMxxxM-72HL4-TV-J(xxx=460-540, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL4-TV(xxx=460-555, with increments of 5)
- 144 half-cut cells: JKMxxxN-72HL4-V(xxx=460-555, 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)
- 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)



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- 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: 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-66HL4-V(xxx=425-495, with increments of 5)
- 132 half-cut cells: JKMxxxM-66HL4-TV(xxx=425-495, with increments of 5)
- 132 half-cut cells: JKMxxxN-66HL4-TV(xxx=425-510, with increments of 5)
- 132 half-cut cells: JKMxxxN-66HL4-V(xxx=425-510, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-V(xxx=360-395, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-V-J(xxx=360-395, with increments of 5)
- 132 half-cut cells: JKMSxxxM-6RL3-V-TI(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: JKMxxxN-6RL3-V(xxx=360-400, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-V-J(xxx=360-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-TV(xxx=355-395, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-TV-J(xxx=355-395, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-TV(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL3-TV-J(xxx=355-400, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL3-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)



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- 132 half-cut cells: JKMSxxxN-6RL3-B-V-TI(xxx=360-405, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL4-TV(xxx=425-495, with increments of 5)
- 132 half-cut cells: JKMxxxM-6RL4-V(xxx=425-495, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL4-TV(xxx=425-510, with increments of 5)
- 132 half-cut cells: JKMxxxN-6RL4-V(xxx=425-510, with increments of 5)
- 132 half-cut cells: JKMxxxM-66H-MBB-V(xxx=340-390, 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: 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: 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: 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: 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: JKMxxxN-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)



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- 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: JKMxxxM-60H-MBB-V(xxx=320-365, with increments of 5)
- 120 half-cut cells: JKMxxxM-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: JKMxxxN-60H-MBB-TV(xxx=330-370, with increments of 5)
- 120 half-cut cells: JKMxxxN-60H-MBB-V(xxx=320-350, with increments of 5)
- 120 half-cut cells: JKMxxxN-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: JKMxxxM-60HL4-V(xxx=385-450, with increments of 5)
- 120 half-cut cells: JKMxxxM-60HL4-TV(xxx=385-450, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL4-TV(xxx=385-465, with increments of 5)
- 120 half-cut cells: JKMxxxN-60HL4-V(xxx=385-465, with increments of 5)
- 120 half-cut cells: JKMXXXM-6TL3-V(xxx=335-365, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL3-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: JKMxxxN-6TL3-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=335-365, with increments of 5)
- 120 half-cut cells: JKMSxxxN-6TL3-V-TI(xxx=335-365, with increments of 5)
- 120 half-cut cells: JKMSXXXM-6TL3-V-TI(xxx=335-365, with increments of 5)
- 120 half-cut cells: JKMXXXM-6TL3-TV(xxx=325-365, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL3-TV(xxx=325-365, with increments of 5)



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- 120 half-cut cells: MMxxx-60HLA-MBV(xxx=270-350, with increments of 5)
- 120 half-cut cells: MMxxx-60HLA-ABV(xxx=270-350, 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-ABV-TI(xxx=270-350, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL4-TV(xxx=385-450, with increments of 5)
- 120 half-cut cells: JKMxxxM-6TL4-V(xxx=385-450, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL4-V(xxx=385-465, with increments of 5)
- 120 half-cut cells: JKMxxxN-6TL4-TV(xxx=385-465, with increments of 5)
- 108 half-cut cells: JKMxxxM-5RL4-TV(xxx=345-405, with increments of 5)
- 108 half-cut cells: JKMxxxM-5RL4-V(xxx=345-405, with increments of 5)
- 108 half-cut cells: JKMxxxM-54HL4-TV(xxx=345-405, with increments of 5)
- 108 half-cut cells: JKMxxxM-54HL4-V(xxx=345-405, with increments of 5)
- 108 half-cut cells: JKMxxxN-5RL4-TV(xxx=350-415, with increments of 5)
- 108 half-cut cells: JKMxxxN-5RL4-V(xxx=345-415, with increments of 5)
- 108 half-cut cells: JKMxxxN-54HL4-TV(xxx=345-415, with increments of 5)
- 108 half-cut cells: JKMxxxN-54HL4-V(xxx=345-415, with increments of 5)

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