

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Shanghai JA Solar Technology Co., Ltd.
No. 118, Lane 3111, West Huangcheng Road
Fengxian District, Shanghai, 201401
P.R. China

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



Description of product (details see Annex 2):

PV Modules with 6" Mono-crystalline Silicon Solar Cells

PV Modules with 5" Mono-crystalline Silicon Solar Cells

PV Modules with 6" Poly-crystalline Silicon Solar Cells

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

PV Modules with half-cut 7" Mono-crystalline Silicon Solar Cells

PV Modules with half-cut 6" Poly-crystalline Silicon Solar Cells

Valid until: 2024-05-13

Tested according to: IEC 61701:2011 / EN 61701:2012 Severity 6.
Registered No.: 44 780 20 406749 - 027R4A2M4
Manufacturer: see Annex 1
Test Report No.: 492010518.020
File No.: PVP07071/20P-05



Essen, 2020-10-27



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Please also pay attention to the information stated overleaf.

Manufacturer:

- Manufacturer 1: **Shanghai JA Solar Technology Co., Ltd.**
No. 118, Lane 3111, West Huancheng Road, Fengxian District
Shanghai 201401, P.R. China
Factory inspection report no.: 862010153.008
- Manufacturer 2: **Hefei JA Solar Technology Co., Ltd.**
No. 999, Chang Ning Road, Hi-tech Zone, Hefei
230088, P.R. China
Factory inspection report no.: 862010241.006
- Manufacturer 3: **JA Solar Co., Ltd.**
Jinglong Street, Ningjin County, 055550 Xingtai, Hebei, P.R. China
Factory inspection report no.: 862010244.007
- Manufacturer 4: **JA Solar (Xingtai) Co., Ltd.**
No. 1688, Chang An Road, Xingtai Economic Development Area
Xingtai City, Hebei Province, 054001, P.R. China
Factory inspection report no.: 862010290.005
- Manufacturer 5: **Vina Solar Technology Co., Ltd.**
E12 factory, lot CN-03, Van Trung Industrial park,
21000 Bac Giang Province, Vietnam
Factory inspection report no.: 862010302.004
- Manufacturer 6: **Philadelphia Solar LTD. CO**
Al Qastal Industrial Area, Air freight Road, 11814 Amman, Jordan
Factory inspection report no.: 862010431.001



Manufacturer 7: **JA Solar New Energy Yangzhou Co., Ltd.**
No.1, Jianhua Road, Economic Development Zone
Yangzhou, Jiangsu Province, 225000, P.R. China

Factory inspection report no.: 862010496.001

Manufacturer 8 : **Yiwu JA Solar Technology Co., Ltd.**
165 Tongze Road, Yiting Town, Yiwu City,
Zhejiang Province, 322000, P.R. China.

Factory inspection report no.: 862010513.001

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 "Rosenkranz".

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Description of product(s):

Module types:

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

72 cells: JAM6(L)-72- xxx (xxx=295-335, in steps of 5)
72 cells: JAM6-72- xxx/SI (xxx=285-325, in steps of 5)
72 cells: JAM6(R)-72-xxx (xxx=295-340, in steps of 5)
72 cells: JAM6(R)-72-xxx/PR (xxx=330-350, in steps of 5)
72 cells: JAM6-72-xxx/PR (xxx=325-345, in steps of 5)
72 cells: JAM6(L)-72-xxx/PR (xxx=325-345, in steps of 5)
72 cells: JAM6(K)-72-xxx/4BB (xxx=320-345, in steps of 5)
72 cells: JAM6(K)-72-xxx/PR (xxx=325-370, in steps of 5)
72 cells: JAM72S02-xxx/PR (xxx=325-390, in steps of 5)
72 cells: JAM72S01-xxx/PR/1000V (xxx=345-390, in steps of 5)
72 cells: JAM72S01-xxx/SC/1000V (xxx=320-365, in steps of 5)
72 cells: JAM72S01-xxx/MR/1000V (xxx=365-385, in steps of 5)
72 cells: JAM72S09-xxx/PR/1000V (xxx=370-405, in steps of 5)
72 cells: JAM72S09-xxx/BP/1000V (xxx=375-385, in steps of 5)
72 cells: JAM72S02-xxx/PR/1000V (xxx=345-390, in steps of 5)
72 cells: JAM72S02-xxx/SC/1000V (xxx=320-365, in steps of 5)
72 cells: JAM72S02-xxx/MR/1000V (xxx=365-385, in steps of 5)
72 cells: JAM72S12-xxx/PR/1000V (xxx=365-385, in steps of 5)
60 cells: JAM6(L)-60-xxx (xxx=255-280, in steps of 5)
60 cells: JAM6-60-xxx/SI (xxx=235-280, in steps of 5)
60 cells: JAM6(FA)-60-xxx/SI (xxx=255-275, in steps of 5)
60 cells: JAM6(R)(FA)-60-xxx (xxx=260-280, in steps of 5)
60 cells: JAM6(R)-60-xxx (xxx=255-280, in steps of 5)
60 cells: JAM6(R)-60-xxx/PR (xxx=280-300, in steps of 5)
60 cells: JAM6-60-xxx/PR (xxx=275-295, in steps of 5)
60 cells: JAM6(L)-60-xxx/PR (xxx=270-295, in steps of 5)
60 cells: JAM6(K)-60-xxx/4BB (xxx=265-285, in steps of 5)
60 cells: JAM6(K)-60-xxx/PR (xxx=275-310, in steps of 5)
60 cells: JAM60S02-xxx/PR (xxx=280-325, in steps of 5)
60 cells: JAM60S01-xxx/PR/1000V (xxx=285-325, in steps of 5)
60 cells: JAM60S01-xxx/SC/1000V (xxx=265-305, in steps of 5)
60 cells: JAM60S01-xxx/MR/1000V (xxx=305-320, in steps of 5)
60 cells: JAM60S09-xxx/PR/1000V (xxx=310-335, in steps of 5)
60 cells: JAM60S09-xxx/BP/1000V (xxx=315-320, in steps of 5)
60 cells: JAM60S02-xxx/PR/1000V (xxx=285-325, in steps of 5)



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	60 cells: JAM60S02-xxx/SC/1000V (xxx=265-305, in steps of 5)
	60 cells: JAM60S02-xxx/MR/1000V (xxx=305-320, in steps of 5)
	60 cells: JAM60S12-xxx/PR/1000V (xxx=305-330, in steps of 5)
	48 cells: JAM6(FA)-48-xxx/SI (xxx=205-220, in steps of 5)
	48 cells: JAM6(R)(FA)-48-xxx (xxx=210-225, in steps of 5)
	48 cells: JAM6(R)-48-xxx/PR (xxx=220-235, in steps of 5)
	48 cells: JAM6-48-xxx/PR (xxx=215-235, in steps of 5)
	48 cells: JAM6(L)-48-xxx/PR (xxx=215-235, in steps of 5)
	48 cells: JAM6(K)-48xxx/4BB (xxx=210-225, in steps of 5)
	48 cells: JAM6(K)-48-xxx/PR (xxx=220-235, in steps of 5)
Maximum system voltage:	1000V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Module types:	PV Modules with 5" Mono-crystalline Silicon Solar Cells:
	72 cells: JAM5-72-xxx/SI (xxx=180-210, in steps of 5)
	72 cells: JAM5(L)-72-xxx/SI (xxx=180-220, in steps of 5)
	72 cells: JAM5(R)-72-xxx (xxx=195-220, in steps of 5)

Maximum system voltage:	1000V
Fuse rating:	10A
Application class:	Class A
Electrical protection class:	Class II

Module types:	PV Modules with half-cut 6" Mono-crystalline Silicon Solar Cells:
	72 cells: JAM72S03-xxx/PR/1000V (xxx=360-395, in steps of 5)
	72 cells: JAM72S10-xxx/PR/1000V (xxx=380-410, in steps of 5)
	72 cells: JAM72S10-xxx/BP/1000V (xxx=385-400, in steps of 5)
	72 cells: JAM72S10-xxx/MR/1000V (xxx=390-420, in steps of 5)
	72 cells: JAM72S10-xxx/MB/1000V (xxx=395-415, in steps of 5)
	72 cells: JAM72S20-xxx/MR/1000V (xxx=430-470, in steps of 5)
	72 cells: JAM72S08-xxx/PR/1000V (xxx=360-395, in steps of 5)
	72 cells: JAM72S17-xxx/PR/1000V (xxx=380-390, in steps of 5)
	72 cells: JAM72S17-xxx/MR/1000V (xxx=390-395, in steps of 5)
	60 cells: JAM60S03-xxx/PR/1000V (xxx=300-330, in steps of 5)
	60 cells: JAM60S10-xxx/PR/1000V (xxx=315-345, in steps of 5)
	60 cells: JAM60S10-xxx/BP/1000V (xxx=320-330, in steps of 5)
	60 cells: JAM60S10-xxx/MR/1000V (xxx=325-345, in steps of 5)



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	60 cells: JAM60S10-xxx/MB/1000V (xxx=330-345, in steps of 5)
	60 cells: JAM60S20-xxx/MR/1000V (xxx=355-390, in steps of 5)
	60 cells: JAM60S21-xxx/MR/1000V (xxx=355-375, in steps of 5)
	60 cells: JAM60S08-xxx/PR/1000V (xxx=300-330, in steps of 5)
	60 cells: JAM60S17-xxx/PR/1000V (xxx=315-325, in steps of 5)
	60 cells: JAM60S17-xxx/MR/1000V (xxx=315-335, in steps of 5)
	78 cells: JAM78S10-xxx/MR/1000V (xxx=435-455, in steps of 5)
	66 cells: JAM66S10-xxx/MR/1000V (xxx=345-380, in steps of 5)
Maximum system voltage:	1000V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Module types:	PV Modules with half-cut 7" Mono-crystalline Silicon Solar Cells:
	60 cells: JAM60S30-xxx/MR/1000V (xxx=435-460, in steps of 5)
	66 cells: JAM66S30-xxx/MR/1000V (xxx=470-505, in steps of 5)
	72 cells: JAM72S30-xxx/MR/1000V (xxx=510-550, in steps of 5)

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

Module types:	PV Modules with 6" Poly-crystalline Silicon Solar Cells:
	72 cells: JAP6-72-xxx/3BB (xxx=250-330, in steps of 5)
	72 cells: JAP6-72-xxx/4BB (xxx=305-330, in steps of 5)
	72 cells: JAP6-72-xxx/RE (xxx=305-330, in steps of 5)
	72 cells: JAP6-72-xxx/4BB/RE (xxx=305-330, in steps of 5)
	72 cells: JAP6(K)-72-xxx/4BB (xxx=310-330, in steps of 5)
	72 cells: JAP72S01-xxx/SC/1000V (xxx=310-345, in steps of 5)
	72 cells: JAP72S01-xxx/PR/1000V (xxx=330-345, in steps of 5)
	72 cells: JAP72S09-xxx/SC/1000V (xxx=320-345, in steps of 5)
	72 cells: JAP72S01-xxx/MS/1000V (xxx=325-340, in steps of 5)
	72 cells: JAP72S02-xxx/SC/1000V (xxx=310-345, in steps of 5)
	72 cells: JAP72S02-xxx/PR/1000V (xxx=330-345, in steps of 5)
	60 cells: JAP6-60-xxx/3BB (xxx=240-275, in steps of 5)
	60 cells: JAP6(FA)-60-xxx/3BB (xxx=250-270, in steps of 5)
	60 cells: JAP6-60-xxx/4BB (xxx=250-275, in steps of 5)
	60 cells: JAP6-60-xxx/RE (xxx=255-280, in steps of 5)



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60 cells: JAP6-60-xxx/4BB/RE (xxx=255-280, in steps of 5)
60 cells: JAP6(K)-60-xxx/4BB (xxx=255-275, in steps of 5)
60 cells: JAP60S01-xxx/SC/1000V (xxx=255-290, in steps of 5)
60 cells: JAP60S01-xxx/PR/1000V (xxx=275-285, in steps of 5)
60 cells: JAP60S09-xxx/SC/1000V (xxx=265-290, in steps of 5)
60 cells: JAP60S01-xxx/MS/1000V (xxx=270-280, in steps of 5)
60 cells: JAP60S02-xxx/SC/1000V (xxx=255-290, in steps of 5)
60 cells: JAP60S02-xxx/PR/1000V (xxx=275-285, in steps of 5)
54 cells: JAP54S01-xxx/SC (xxx=245-255, in steps of 5)
48 cells: JAP6(FA)-48-xxx/3BB (xxx=200-220, in steps of 5)
48 cells: JAP6-48-xxx/3BB (xxx=200-220, in steps of 5)

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

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

72 cells: JAP72S03-xxx/SC/1000V (xxx=320-345, in steps of 5)
72 cells: JAP72S03-xxx/PR/1000V (xxx=335-355, in steps of 5)
72 cells: JAP72S10-xxx/SC/1000V (xxx=335-350, in steps of 5)
72 cells: JAP72S03-xxx/MS/1000V (xxx=320-345, in steps of 5)
72 cells: JAP72S08-xxx/SC/1000V (xxx=320-345, in steps of 5)
72 cells: JAP72S08-xxx/PR/1000V (xxx=335-355, in steps of 5)
60 cells: JAP60S03-xxx/SC/1000V (xxx=270-290, in steps of 5)
60 cells: JAP60S03-xxx/PR/1000V (xxx=280-295, in steps of 5)
60 cells: JAP60S10-xxx/SC/1000V (xxx=275-290, in steps of 5)
60 cells: JAP60S03-xxx/MS/1000V (xxx=270-285, in steps of 5)
60 cells: JAP60S08-xxx/SC/1000V (xxx=270-290, in steps of 5)
60 cells: JAP60S08-xxx/PR/1000V (xxx=280-295, in steps of 5)

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



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Module types:	PV Modules with 6" Mono-crystalline Silicon Solar Cells: 72 cells: JAM6(K)-72-xxx/PR/1500V (xxx=345-370, in steps of 5) 72 cells: JAM6(K)-72-xxx/4BB/1500V (xxx=320-345, in steps of 5) 72 cells: JAM72S01-xxx/PR (xxx=345-390, in steps of 5) 72 cells: JAM72S01-xxx/SC/1500V (xxx=320-365, in steps of 5) 72 cells: JAM72S01-xxx/MR/1500V (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR/1500V (xxx=370-405, in steps of 5) 72 cells: JAM72S09-xxx/BP/1500V (xxx=375-385, in steps of 5) 72 cells: JAM72S02-xxx/PR/1500V (xxx=345-390, in steps of 5) 72 cells: JAM72S02-xxx/SC/1500V (xxx=320-365, in steps of 5) 72 cells: JAM72S02-xxx/MR/1500V (xxx=365-385, in steps of 5) 72 cells: JAM72S12-xxx/PR/1500V (xxx=365-385, in steps of 5) 60 cells: JAM6(K)-60-xxx/PR/1500V (xxx=285-310, in steps of 5) 60 cells: JAM6(K)-60-xxx/4BB/1500V (xxx=265-285, in steps of 5) 60 cells: JAM60S01-xxx/PR/1500V (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/SC/1500V (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/MR/1500V (xxx=305-320, in steps of 5) 60 cells: JAM60S09-xxx/PR/1500V (xxx=310-335, in steps of 5) 60 cells: JAM60S09-xxx/BP/1500V (xxx=315-320, in steps of 5) 60 cells: JAM60S02-xxx/PR/1500V (xxx=285-325, in steps of 5) 60 cells: JAM60S02-xxx/SC/1500V (xxx=265-305, in steps of 5) 60 cells: JAM60S02-xxx/MR/1500V (xxx=305-320, in steps of 5) 60 cells: JAM60S12-xxx/PR/1500V (xxx=305-330, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Module types:	PV Modules with half-cut 7" Mono-crystalline Silicon Solar Cells: 72 cells: JAM72S30-xxx/MR/1500V (xxx=510-550, in steps of 5) 66 cells: JAM66S30-xxx/MR/1500V (xxx=470-505, in steps of 5) 60 cells: JAM60S30-xxx/MR/1500V (xxx=435-460, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II



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Module types:

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

72 cells: JAM72S03-xxx/PR/1500V (xxx=360-395, in steps of 5)

72 cells: JAM72S10-xxx/PR/1500V (xxx=380-410, in steps of 5)

72 cells: JAM72S10-xxx/BP/1500V (xxx=385-400, in steps of 5)

72 cells: JAM72S10-xxx/MR/1500V (xxx=390-420, in steps of 5)

72 cells: JAM72S10-xxx/MB/1500V (xxx=395-415, in steps of 5)

72 cells: JAM72S20-xxx/MR/1500V (xxx=430-470, in steps of 5)

72 cells: JAM72S08-xxx/PR/1500V (xxx=360-395, in steps of 5)

72 cells: JAM72S17-xxx/PR/1500V (xxx=380-390, in steps of 5)

72 cells: JAM72S17-xxx/MR/1500V (xxx=390-395, in steps of 5)

60 cells: JAM60S03-xxx/PR/1500V (xxx=300-330, in steps of 5)

60 cells: JAM60S10-xxx/PR/1500V (xxx=315-345, in steps of 5)

60 cells: JAM60S10-xxx/BP/1500V (xxx=320-330, in steps of 5)

60 cells: JAM60S10-xxx/MR/1500V (xxx=325-345, in steps of 5)

60 cells: JAM60S10-xxx/MB/1500V (xxx=330-345, in steps of 5)

60 cells: JAM60S20-xxx/MR/1500V (xxx=355-390, in steps of 5)

60 cells: JAM60S21-xxx/MR/1500V (xxx=355-375, in steps of 5)

60 cells: JAM60S08-xxx/PR/1500V (xxx=300-330, in steps of 5)

60 cells: JAM60S17-xxx/PR/1500V (xxx=315-325, in steps of 5)

60 cells: JAM60S17-xxx/MR/1500V (xxx=315-335, in steps of 5)

78 cells: JAM78S10-xxx/MR/1500V (xxx=435-455, in steps of 5)

66 cells: JAM66S10-xxx/MR/1500V (xxx=345-380, in steps of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

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: JAP6(K)-72-xxx/4BB/1500V (xxx=310-330, in steps of 5) 72 cells: JAP72S01-xxx/SC/1500V (xxx=310-345, in steps of 5) 72 cells: JAP72S01-xxx/PR/1500V (xxx=330-345, in steps of 5) 72 cells: JAP72S09-xxx/SC/1500V (xxx=320-345, in steps of 5) 72 cells: JAP72S01-xxx/MS/1500V (xxx=325-340, in steps of 5) 72 cells: JAP72S02-xxx/SC/1500V (xxx=310-345, in steps of 5) 72 cells: JAP72S02-xxx/PR/1500V (xxx=330-345, in steps of 5) 60 cells: JAP6(K)-60-xxx/4BB/1500V (xxx=255-275, in steps of 5) 60 cells: JAP60S01-xxx/SC/1500V (xxx=255-290, in steps of 5) 60 cells: JAP60S01-xxx/PR/1500V (xxx=275-285, in steps of 5) 60 cells: JAP60S09-xxx/SC/1500V (xxx=265-290, in steps of 5) 60 cells: JAP60S01-xxx/MS/1500V (xxx=270-280, in steps of 5) 60 cells: JAP60S02-xxx/SC/1500V (xxx=255-290, in steps of 5) 60 cells: JAP60S02-xxx/PR/1500V (xxx=275-285, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Module types:	PV Modules with half-cut 6" Poly-crystalline Silicon Solar Cells: 72 cells: JAP72S03-xxx/SC/1500V (xxx=320-345, in steps of 5) 72 cells: JAP72S03-xxx/PR/1500V (xxx=335-355, in steps of 5) 72 cells: JAP72S10-xxx/SC/1500V (xxx=335-350, in steps of 5) 72 cells: JAP72S03-xxx/MS/1500V (xxx=320-345, in steps of 5) 72 cells: JAP72S08-xxx/SC/1500V (xxx=320-345, in steps of 5) 72 cells: JAP72S08-xxx/PR/1500V (xxx=335-355, in steps of 5) 60 cells: JAP60S03-xxx/SC/1500V (xxx=270-290, in steps of 5) 60 cells: JAP60S03-xxx/PR/1500V (xxx=280-295, in steps of 5) 60 cells: JAP60S10-xxx/SC/1500V (xxx=275-290, in steps of 5) 60 cells: JAP60S03-xxx/MS/1500V (xxx=270-285, in steps of 5) 60 cells: JAP60S08-xxx/SC/1500V (xxx=270-290, in steps of 5) 60 cells: JAP60S08-xxx/PR/1500V (xxx=280-295, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II



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

72 cells: JAM72S01-xxx/SC (xxx=320-365, in steps of 5)
72 cells: JAM72S02-xxx/SC (xxx=320-365, in steps of 5)
72 cells: JAM72S02-xxx/PR (xxx=345-390, in steps of 5)
72 cells: JAM72S01-xxx/MR (xxx=365-385, in steps of 5)
72 cells: JAM72S02-xxx/MR (xxx=365-385, in steps of 5)
72 cells: JAM72S09-xxx/PR (xxx=370-405, in steps of 5)
72 cells: JAM72S12-xxx/PR (xxx=365-385, in steps of 5)
72 cells: JAM72S09-xxx/BP (xxx=375-385, in steps of 5)
60 cells: JAM60S01-xxx/SC (xxx=265-305, in steps of 5)
60 cells: JAM60S02-xxx/SC (xxx=265-305, in steps of 5)
60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5)
60 cells: JAM60S02-xxx/PR (xxx=285-325, in steps of 5)
60 cells: JAM60S01-xxx/MR (xxx=305-320, in steps of 5)
60 cells: JAM60S02-xxx/MR (xxx=305-320, in steps of 5)
60 cells: JAM60S09-xxx/PR (xxx=310-335, in steps of 5)
60 cells: JAM60S12-xxx/PR (xxx=305-330, in steps of 5)
60 cells: JAM60S09-xxx/BP (xxx=315-320, in steps of 5)

Maximum system voltage: 1000V or 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II

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

72 cells: JAM72S30-xxx/MR (xxx=510-550, in steps of 5)
66 cells: JAM66S30-xxx/MR (xxx=470-505, in steps of 5)
60 cells: JAM60S30-xxx/MR (xxx=435-460, in steps of 5)

Maximum system voltage: 1000V or 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II



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Module types:

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

78 cells: JAM78S10-xxx/MR (xxx=435-455, in steps of 5)
78 cells: JAM78S10-xxx/MR-J (xxx=435-455, in steps of 5)
72 cells: JAM72S03-xxx/PR (xxx=360-395, in steps of 5)
72 cells: JAM72S10-xxx/PR (xxx=380-410, in steps of 5)
72 cells: JAM72S17-xxx/PR (xxx=380-390, in steps of 5)
72 cells: JAM72S10-xxx/MR (xxx=390-420, in steps of 5)
72 cells: JAM72S17-xxx/MR (xxx=390-395, in steps of 5)
72 cells: JAM72S10-xxx/BP (xxx=385-400, in steps of 5)
72 cells: JAM72S10-xxx/MB (xxx=395-415, in steps of 5)
72 cells: JAM72S20-xxx/MR (xxx=430-470, in steps of 5)
72 cells: JAM72S08-xxx/PR (xxx=360-395, in steps of 5)
66 cells: JAM66S10-xxx/MR (xxx=345-380, in steps of 5)
60 cells: JAM60S03-xxx/PR (xxx=300-330, in steps of 5)
60 cells: JAM60S08-xxx/PR (xxx=300-330, in steps of 5)
60 cells: JAM60S10-xxx/PR (xxx=315-345, in steps of 5)
60 cells: JAM60S10-xxx/MR (xxx=325-345, in steps of 5)
60 cells: JAM60S10-xxx/BP (xxx=320-330, in steps of 5)
60 cells: JAM60S10-xxx/MB (xxx=330-345, in steps of 5)
60 cells: JAM60S17-xxx/PR (xxx=315-325, in steps of 5)
60 cells: JAM60S17-xxx/MR (xxx=315-335, in steps of 5)
60 cells: JAM60S20-xxx/MR (xxx=355-390, in steps of 5)
60 cells: JAM60S21-xxx/MR (xxx=355-375, in steps of 5)

Maximum system voltage:

1000V or 1500V

Fuse rating:

20A

Application class:

Class A

Electrical protection class:

Class II

Module types:

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

72 cells: JAP72S01-xxx/SC (xxx=310-345, in steps of 5)
72 cells: JAP72S02-xxx/SC (xxx=310-345, in steps of 5)
72 cells: JAP72S01-xxx/PR (xxx=330-345, in steps of 5)
72 cells: JAP72S02-xxx/PR (xxx=330-345, in steps of 5)
72 cells: JAP72S09-xxx/SC (xxx=320-345, in steps of 5)
72 cells: JAP72S01-xxx/MS (xxx=325-340, in steps of 5)
60 cells: JAP60S01-xxx/SC (xxx=255-290, in steps of 5)
60 cells: JAP60S02-xxx/SC (xxx=255-290, in steps of 5)
60 cells: JAP60S01-xxx/PR (xxx=275-285, in steps of 5)



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	60 cells: JAP60S02-xxx/PR (xxx=275-285, in steps of 5)
	60 cells: JAP60S09-xxx/SC (xxx=265-290, in steps of 5)
	60 cells: JAP60S01-xxx/MS (xxx=270-280, in steps of 5)
	54 cells: JAP54S01-xxx/SC (xxx=245-255, in steps of 5)
Maximum system voltage:	1000V or 1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

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

	72 cells: JAP72S03-xxx/PR (xxx=335-355, in steps of 5)
	72 cells: JAP72S03-xxx/SC (xxx=320-345, in steps of 5)
	72 cells: JAP72S10-xxx/SC (xxx=335-350, in steps of 5)
	72 cells: JAP72S03-xxx/MS (xxx=320-345, in steps of 5)
	72 cells: JAP72S08-xxx/SC (xxx=320-345, in steps of 5)
	72 cells: JAP72S08-xxx/PR (xxx=335-355, in steps of 5)
	60 cells: JAP60S03-xxx/PR (xxx=280-295, in steps of 5)
	60 cells: JAP60S03-xxx/SC (xxx=270-290, in steps of 5)
	60 cells: JAP60S10-xxx/SC (xxx=275-290, in steps of 5)
	60 cells: JAP60S03-xxx/MS (xxx=270-285, in steps of 5)
	60 cells: JAP60S08-xxx/SC (xxx=270-290, in steps of 5)
	60 cells: JAP60S08-xxx/PR (xxx=280-295, in steps of 5)
Maximum system voltage:	1000V or 1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Remark:

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

