

Certificate



This certifies that the company:

Shanghai JA Solar Technology Co., Ltd.

No. 118, Lane 3111, West Huancheng Road. Fengxian District, Shanghai, 201401, P.R. China

is authorized to provide the product(s) mentioned below with the mark as illustrated.

Manufacturer and factory(-ies): See Annex 1

Description of product(s) (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Certification program:

P12-VA-01 Rev. 17 / 09.20

Certification fundamental(s):

IEC 62716:2013 / EN 62716:2013

It is certified by TÜV NORD CERT GmbH that the product(s) described above has(have) been assessed according to the certification program mentioned above and found in compliance with the requirements of above specified certification fundamental(s). This certification is based on evaluation results as documented in test report(s) referenced below and production site(s) audit results as documented in factory inspection report(s) referenced in Annex 1. This certificate is valid in conjunction with these quoted report(s).

Registration no.:

44 780 23 406749 - 192R14A8M15

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Report no .:

492012552.017

File no .:

PVP03180/25P-02

Valid from: 2025-09-08 Valid until: 2026-09-29

Essen, 2025-09-08

Certification Body - Consumer Products

TÜV NORD CERT GmbH

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Please also pay attention to the information stated overleaf.



erify the validity of



Annex 1

to certificate registration no. 44 780 23 406749 - 192R14A8M15

Manufacturer:

Shanghai JA Solar Technology Co., Ltd.

No. 118, Lane 3111, West Huancheng Road, Fengxian District

Shanghai 201401, P.R. China

Factory 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 .:

862010153.013

Factory 2:

Hefei JA Solar Technology Co., Ltd.

No. 999, Chang Ning Road, Hi-tech Zone, Hefei

230088, P.R. China

Factory inspection report no .:

862010241.012

Factory 3:

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.:

862010290.010

Factory 4:

JA Solar New Energy Yangzhou Co., Ltd.

No.1, Jinhui Road, Economic Development Zone Yangzhou, Jiangsu Province, 225131, P.R. China.

Factory inspection report no.:

862010496.006

Factory 5:

Yiwu JA Solar Technology Co., Ltd.

No. 165, Tongze Road, Yiting Town, Yiwu City, Zhejiang Province, 322000, P.R. China.

Factory inspection report no .:

862010513.006

Factory 6:

JA Solar Viet Nam Company Limited

Lot G, Quang Chau Industrial park, Nenh Ward, Bac Ninh Province

Vietnam

Factory inspection report no.:

862010560.004

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Factory 7: JA Solar New Energy Yangzhou Co., Ltd. (Jingshan Park)

No.123, Jinshan Road, Economic Development Zone.

Yangzhou, Jiangsu Province, 225131, P.R. China.

Factory inspection report no.: 862010584.005

Factory 8: Dongtai JA Solar Technology Co., Ltd.

No.8 Zaofeng North Road, Dongtai High-tech Zone, Dongtai City, 224248 Yancheng City,

Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA

862010802.003 Factory inspection report no .:

Factory 9: QuJing JA Solar Technology Co., Ltd.

North of Nanhai Avenue and East of Shaoxi Road, Qujing Economic and Technological Development Zone, 655000 Qujing City, Yunnan Province, PEOPLE'S REPUBLIC OF CHINA

862010866.002 Factory inspection report no .:

Factory 10: Inner Mongolia JA Solar PV Technology Co., Ltd.

No.21, Zhuangbei Avenue, Xin Guihua Area, Equipment park, Qingshan District, 014000

Baotou, Inner Mogolia Autonomous Region, PEOPLE'S REPUBLIC OF CHINA

Factory inspection report no.: 862010874.002

Factory 11: Ordos JA Solar Technology Co., Ltd.

Room 2007, Office Builiding, High-tech Industrial Development Zone, Dongsheng District

Equipment Manufacturing Base, 017000 Ordos City, Inner Mongolia, PEOPLE'S REPUBLICOF

CHINA

Factory inspection report no .: 862011003.002

Factory 12: Inner Mongolia JA Naoer New Energy Co., Ltd.

No.4 Xinhua East Street, Economic and Technological Development Zone, Bayannur City

015000 Inner Mongolia Autonomous Region, PEOPLE'S REPUBLIC OF CHINA

Factory inspection report no .: 862011027 002

MEM PANEL SOLAR ENERJI SANAYI VETICARET A.S Factory 13:

Organized Industrial Site 3. Street No: 4 Onikisubat, 46050 Kahramanmaras, TURKIYE

Factory inspection report no.: 862011040.001

Factory 14: American Panel Solutions LLC

1975 South 99th Avenue, Phoenix, AZ85353, USA

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Factory inspection report no .: 862011080.001

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

information.

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Annex 2

to certificate registration no. 44 780 23 406749 - 192R14A8M15

Description of product(s):

Module types:

PV Modules with Mono-crystalline Silicon Solar Cells (156mm to 158.75mm):

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=210-225, in steps of 5) 48 cells: JAM6(K)-48-xxx/PR (xxx=210-225, in steps of 5) 48 cells: JAM6(K)-48-xxx/PR (xxx=210-225, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

1000V

20A

Class II 70°C

Module types:

PV Modules with 125mm 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:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

1000V 10A

Class II

70°C

Module types:

PV Modules with Mono-crystalline Silicon half-cut Solar Cells (156mm to 158.75mm):

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=390-430, in steps of 5) 72 cells: JAM72S10-xxx/MB/1000V (xxx=395-415, 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=390-430, in steps of 5) 72 cells: JAM72S17-xxx/GR/1000V (xxx=385-400, 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=325-355, in steps of 5) 60 cells: JAM60S10-xxx/MB/1000V (xxx=330-345, 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=315-355, in steps of 5) 78 cells: JAM78S10-xxx/MR/1000V (xxx=435-465, in steps of 5)

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66 cells: JAM66S10-xxx/MR/1000V (xxx=345-390, in steps of 5)

Maximum system voltage:

1000V

Maximum overcurrent protection

20A

rating:

Electrical protection class:

Class II

98th percentile module operating

70°C

temperature (T98):

Module types:

PV Modules with Mono-crystalline Silicon half-cut Solar Cells (166mm to 168mm):

72 cells: JAM72S20-xxx/MR/1000V (xxx=430-470, in steps of 5) 72 cells: JAM72S20-xxx/MB/1000V (xxx=450-465, in steps of 5) 60 cells: JAM60S20-xxx/MR/1000V (xxx=355-390, in steps of 5) 60 cells: JAM60S21-xxx/MR/1000V (xxx=355-390, in steps of 5) 60 cells: JAM60S20-xxx/MB/1000V (xxx=375-390, in steps of 5)

Maximum system voltage:

1000V

Maximum overcurrent protection

rating:

25A

Electrical protection class:

Class II

98th percentile module operating

70°C

temperature (T98):

Module types:

PV Modules with 182mm Mono-crystalline Silicon half-cut Solar Cells:

60 cells: JAM60S30-xxx/MR/1000V (xxx=435-460, in steps of 5) 66 cells: JAM66S30-xxx/MR/1000V (xxx=470-510, in steps of 5) 72 cells: JAM72S30-xxx/MR/1000V (xxx=510-560, in steps of 5) 78 cells: JAM78S30-xxx/MR/1000V (xxx=580-605, in steps of 5) 54 cells: JAM54S30-xxx/MR/1000V (xxx=390-425, in steps of 5) 78 cells: JAM78S30-xxx/GR/1000V (xxx=575-610, in steps of 5) 72 cells: JAM72S30-xxx/GR/1000V (xxx=510-560, in steps of 5) 66 cells: JAM66S30-xxx/GR/1000V (xxx=500-510, in steps of 5) 60 cells: JAM60S30-xxx/GR/1000V (xxx=445-470, in steps of 5) 54 cells: JAM54S30-xxx/GR/1000V (xxx=400-420, in steps of 5) 72 cells: JAM72S31-xxx/MR/1000V (xxx=510-545, in steps of 5) 66 cells: JAM66S31-xxx/MR/1000V (xxx=470-500, in steps of 5) 60 cells: JAM60S31-xxx/MR/1000V (xxx=425-450, in steps of 5) 54 cells: JAM54S31-xxx/MR/1000V (xxx=385-415, in steps of 5) 78 cells: JAM78S31-xxx/GR/1000V (xxx=570-590, in steps of 5) 72 cells: JAM72S31-xxx/GR/1000V (xxx=510-545, in steps of 5) 66 cells: JAM66S31-xxx/GR/1000V (xxx=480-500, in steps of 5) 60 cells: JAM60S31-xxx/GR/1000V (xxx=435-450, in steps of 5) 54 cells: JAM54S31-xxx/GR/1000V (xxx=395-415, in steps of 5) 72 cells: JAM72S40-xxx/GR/1000V (xxx=540-575, in steps of 5) 66 cells: JAM66S40-xxx/GR/1000V (xxx=495-525, in steps of 5) 60 cells: JAM60S40-xxx/GR/1000V (xxx=450-480, in steps of 5) 54 cells: JAM54S40-xxx/GR/1000V (xxx=405-430, in steps of 5) 72 cells: JAM72S41-xxx/GR/1000V (xxx=540-570, in steps of 5) 66 cells: JAM66S41-xxx/GR/1000V (xxx=495-525, in steps of 5)

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60 cells: JAM60S41-xxx/GR/1000V (xxx=450-475, in steps of 5) 54 cells: JAM54S41-xxx/GR/1000V (xxx=405-430, in steps of 5) 72 cells: JAM72S30-xxx/LR/1000V (xxx=555-580, in steps of 5) 54 cells: JAM54S30-xxx/LR/1000V (xxx=415-435, in steps of 5) 54 cells: JAM54S31-xxx/LR/1000V (xxx=415-425, in steps of 5) 72 cells: JAM72S30-xxx/MB/1000V (xxx=535-550, in steps of 5) 72 cells: JAM72S31-xxx/MB/1000V (xxx=525-540, in steps of 5) 54 cells: JAM54S30-xxx/MB/1000V (xxx=385-410, in steps of 5) 54 cells: JAM54S31-xxx/MB/1000V (xxx=385-405, in steps of 5) 54 cells: JAM54S31-xxx/LB/1000V (xxx=410-425, in steps of 5) 54 cells: JAM54S31-xxx/LB/1000V (xxx=410-415, in steps of 5) 72 cells: JAM72S40-xxx/MR/1000V (xxx=560-590, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

1000V

25A

Class II 70°C

Module types:

PV Modules with 210mm Mono-crystalline Silicon 1/3-cut Solar Cells:

50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 66 cells: JAM66S35-xxx/MR/1000V (xxx=650-670, in steps of 5) 60 cells: JAM60S35-xxx/MR/1000V (xxx=590-610, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

25A

Electrical protection class:

98th percentile module operating

temperature (T98):

Class II

1000V

70°C

Module types:

PV Modules with 182mm Mono-crystalline Silicon 1/5-cut Solar Cells:

76 cells: JAM76S11-xxx/PR(B)/1000V (xxx=395-415, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

1000V 25A

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

Class II

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70°C

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Module types:

PV Modules with Poly-crystalline Silicon Solar Cells (156mm to 158.75mm):

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) 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) 1000V

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

20A

Class II

70°C

Module types:

PV Modules with Poly-crystalline Silicon half-cut Solar Cells (156mm to 158.75mm):

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

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Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

20A

Class II

70°C

Module types:

PV Modules with Mono-crystalline Silicon Solar Cells (156mm to 158.75mm):

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)

72 cells: JAM6(K)(DG)-72-xxx/PR/1500V (xxx=330-365, in steps of 5)

72 cells: JAM6(K)(DG)-72-xxx/4BB/1500V (xxx=320-340, in steps of 5)

72 cells: JAM72D00-xxx/PR (xxx=340-385, in steps of 5)

72 cells: JAM72D00-xxx/PR/1500V (xxx=340-385, in steps of 5)

72 cells: JAM72D00-xxx/SC (xxx=320-340, in steps of 5)

72 cells: JAM72D00-xxx/BP (xxx=330-385, in steps of 5)

72 cells: JAM72D00-xxx/BP/1500V (xxx=330-385, in steps of 5)

72 cells: JAM72D00-xxx/MB (xxx=370-380, in steps of 5)

72 cells: JAM72D00-xxx/MB/1500V (xxx=370-380, in steps of 5)

72 cells: JAM72D09-xxx/BP (xxx=360-400, in steps of 5)

72 cells: JAM72D09-xxx/BP/1500V (xxx=360-400, in steps of 5)

60 cells: JAM6(DG)-60-xxx/1500V (xxx=250-270, in steps of 5) 60 cells: JAM6(K)(DG)-60-xxx/4BB/1500V (xxx=260-285, in steps of 5)

60 cells: JAM6(K)(DG)-60-xxx/PR/1500V (xxx=270-305, in steps of 5)

60 cells: JAM6(DG)-60-xxx/4BB/1500V (xxx=260-280, in steps of 5)

60 cells: JAM60D00-xxx/PR (xxx=285-320, in steps of 5)

60 cells: JAM60D00-xxx/PR/1500V (xxx=285-320, in steps of 5)

60 cells: JAM60D00-xxx/SC (xxx=260-285, in steps of 5)

60 cells: JAM60D00-xxx/BP (xxx=275-320, in steps of 5)

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60 cells: JAM60D00-xxx/BP/1500V (xxx=275-320, in steps of 5)

60 cells: JAM60D00-xxx/MB (xxx=310-315, in steps of 5)

60 cells: JAM60D00-xxx/MB/1500V (xxx=310-315, in steps of 5)

60 cells: JAM60D09-xxx/BP (xxx=300-340, in steps of 5)

60 cells: JAM60D09-xxx/BP/1500V (xxx=300-340, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

1500V 20A

Class II

70°C

Module types:

PV Modules with Mono-crystalline Silicon half-cut Solar Cells (156mm to 158.75mm):

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=390-430, in steps of 5) 72 cells: JAM72S10-xxx/MB/1500V (xxx=395-415, 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=390-430, in steps of 5)

72 cells: JAM72S17-xxx/GR/1500V (xxx=385-400, 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=325-355, 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=355-390, 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=315-355, in steps of 5)

78 cells: JAM78S10-xxx/MR/1500V (xxx=435-465, in steps of 5)

66 cells: JAM66S10-xxx/MR/1500V (xxx=345-390, in steps of 5)

72 cells: JAM72D10-xxx/MB (xxx=385-430, in steps of 5)

72 cells: JAM72D10-xxx/MB/1500V (xxx=385-430, in steps of 5)

60 cells: JAM60D10-xxx/MB (xxx=320-355, in steps of 5)

60 cells: JAM60D10-xxx/MB/1500V (xxx=320-355, in steps of 5)

72 cells: JAM72D10-xxx/BP (xxx=385-415, in steps of 5)

72 cells: JAM72D10-xxx/BP/1500V (xxx=385-415, in steps of 5)

60 cells: JAM60D10-xxx/BP (xxx=320-345, in steps of 5)

60 cells: JAM60D10-xxx/BP/1500V (xxx=320-345, in steps of 5)

78 cells: JAM78D10-xxx/MB (xxx=435-455, in steps of 5)

78 cells: JAM78D10-xxx/MB/1500V (xxx=435-455, in steps of 5) 66 cells: JAM66D10-xxx/MB (xxx=360-380, in steps of 5)

66 cells: JAM66D10-xxx/MB/1500V (xxx=360-380, in steps of 5)

72 cells: JAM72D20-xxx/MB (xxx=430-465, in steps of 5)

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72 cells: JAM72D20-xxx/MB/1500V (xxx=430-465, in steps of 5)

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60 cells: JAM60D20-xxx/MB (xxx=355-385, in steps of 5) 60 cells: JAM60D20-xxx/MB/1500V (xxx=355-385, in steps of 5) 72 cells: JAM72D10-xxx/TB (xxx=400-420, in steps of 5)

72 cells: JAM72D10-xxx/TB/1500V (xxx=400-420, in steps of 5) 60 cells: JAM60D10-xxx/TB (xxx=335-350, in steps of 5) 60 cells: JAM60D10-xxx/TB/1500V (xxx=335-350, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class: 98th percentile module operating

temperature (T98):

1500V

20A

Class II 70°C

Module types:

PV Modules with Mono-crystalline Silicon half-cut Solar Cells (166mm to 168mm):

72 cells: JAM72S20-xxx/MR/1500V (xxx=430-470, in steps of 5) 72 cells: JAM72S20-xxx/MB/1500V (xxx=450-465, in steps of 5) 60 cells: JAM60S20-xxx/MB/1500V (xxx=375-390, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

25A

1500V

Class II 70°C

Module types:

PV Modules with 182mm Mono-crystalline Silicon half-cut Solar Cells:

78 cells: JAM78S30-xxx/MR/1500V (xxx=580-605, in steps of 5) 72 cells: JAM72S30-xxx/MR/1500V (xxx=510-560, in steps of 5) 66 cells: JAM66S30-xxx/MR/1500V (xxx=470-510, in steps of 5) 60 cells: JAM60S30-xxx/MR/1500V (xxx=435-460, in steps of 5) 54 cells: JAM54S30-xxx/MR/1500V (xxx=390-425, in steps of 5) 78 cells: JAM78S30-xxx/GR/1500V (xxx=575-610, in steps of 5) 72 cells: JAM72S30-xxx/GR/1500V (xxx=510-560, in steps of 5) 66 cells: JAM66S30-xxx/GR/1500V (xxx=500-510, in steps of 5) 60 cells: JAM60S30-xxx/GR/1500V (xxx=445-470, in steps of 5) 54 cells: JAM54S30-xxx/GR/1500V (xxx=400-420, in steps of 5) 72 cells: JAM72S31-xxx/MR/1500V (xxx=510-545, in steps of 5) 66 cells: JAM66S31-xxx/MR/1500V (xxx=470-500, in steps of 5) 60 cells: JAM60S31-xxx/MR/1500V (xxx=425-450, in steps of 5) 54 cells: JAM54S31-xxx/MR/1500V (xxx=385-415, in steps of 5) 78 cells: JAM78S31-xxx/GR/1500V (xxx=570-590, in steps of 5) 72 cells: JAM72S31-xxx/GR/1500V (xxx=510-545, in steps of 5) 66 cells: JAM66S31-xxx/GR/1500V (xxx=480-500, in steps of 5) 60 cells: JAM60S31-xxx/GR/1500V (xxx=435-450, in steps of 5) 54 cells: JAM54S31-xxx/GR/1500V (xxx=395-415, in steps of 5) 72 cells: JAM72S40-xxx/GR/1500V (xxx=540-575, in steps of 5) 66 cells: JAM66S40-xxx/GR/1500V (xxx=495-525, in steps of 5) 60 cells: JAM60S40-xxx/GR/1500V (xxx=450-480, in steps of 5)

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54 cells: JAM54S40-xxx/GR/1500V (xxx=405-430, in steps of 5) 72 cells: JAM72S41-xxx/GR/1500V (xxx=540-570, in steps of 5) 66 cells: JAM66S41-xxx/GR/1500V (xxx=495-525, in steps of 5) 60 cells: JAM60S41-xxx/GR/1500V (xxx=450-475, in steps of 5) 54 cells: JAM54S41-xxx/GR/1500V (xxx=405-430, in steps of 5) 72 cells: JAM72S30-xxx/LR/1500V (xxx=555-580, in steps of 5) 54 cells: JAM54S30-xxx/LR/1500V (xxx=415-435, in steps of 5) 54 cells: JAM54S31-xxx/LR/1500V (xxx=415-425, in steps of 5) 72 cells: JAM72S30-xxx/MB/1500V (xxx=535-550, in steps of 5) 72 cells: JAM72S31-xxx/MB/1500V (xxx=525-540, in steps of 5) 54 cells: JAM54S30-xxx/MB/1500V (xxx=385-410, in steps of 5) 54 cells: JAM54S31-xxx/MB/1500V (xxx=385-405, in steps of 5) 54 cells: JAM54S30-xxx/LB/1500V (xxx=410-425, in steps of 5) 54 cells: JAM54S31-xxx/LB/1500V (xxx=410-415, in steps of 5) 72 cells: JAM72S40-xxx/MR/1500V (xxx=560-590, in steps of 5) 78 cells: JAM78D30-xxx/MB (xxx=580-605, in steps of 5) 78 cells: JAM78D30-xxx/MB/1500V (xxx=580-605, in steps of 5) 72 cells: JAM72D30-xxx/MB (xxx=505-560, in steps of 5) 72 cells: JAM72D30-xxx/MB/1500V (xxx=505-560, in steps of 5) 72 cells: JAM72D30-xxx/MB/F (xxx=505-560, in steps of 5) 72 cells: JAM72D30-xxx/MB/F/1500V (xxx=505-560, in steps of 5) 66 cells: JAM66D30-xxx/MB (xxx=465-505, in steps of 5) 66 cells: JAM66D30-xxx/MB/1500V (xxx=465-505, in steps of 5) 66 cells: JAM66D30-xxx/MB/F (xxx=465-505, in steps of 5) 66 cells: JAM66D30-xxx/MB/F/1500V (xxx=465-505, in steps of 5) 60 cells: JAM60D30-xxx/MB (xxx=435-460, in steps of 5) 60 cells: JAM60D30-xxx/MB/1500V (xxx=435-460, in steps of 5) 54 cells: JAM54D30-xxx/MB (xxx=390-415, in steps of 5) 54 cells: JAM54D30-xxx/MB/1500V (xxx=390-415, in steps of 5) 54 cells: JAM54D31-xxx/MB (xxx=395-400, in steps of 5) 54 cells: JAM54D31-xxx/MB/1500V (xxx=395-400, in steps of 5) 78 cells: JAM78D30-xxx/GB (xxx=585-610, in steps of 5) 78 cells: JAM78D30-xxx/GB/1500V (xxx=585-610, in steps of 5) 72 cells: JAM72D30-xxx/GB (xxx=505-560, in steps of 5) 72 cells: JAM72D30-xxx/GB/1500V (xxx=505-560, in steps of 5) 66 cells: JAM66D30-xxx/GB (xxx=495-510, in steps of 5) 66 cells: JAM66D30-xxx/GB/1500V (xxx=495-510, in steps of 5) 60 cells: JAM60D30-xxx/GB (xxx=450-470, in steps of 5) 60 cells: JAM60D30-xxx/GB/1500V (xxx=450-470, in steps of 5) 54 cells: JAM54D30-xxx/GB (xxx=405-420, in steps of 5) 54 cells: JAM54D30-xxx/GB/1500V (xxx=405-420, in steps of 5) 54 cells: JAM54D31-xxx/GB (xxx=410-420, in steps of 5) 54 cells: JAM54D31-xxx/GB/1500V (xxx=410-420, in steps of 5) 72 cells: JAM72D30-xxx/HB (xxx=530-560, in steps of 5) 72 cells: JAM72D30-xxx/HB/1500V (xxx=530-560, in steps of 5) 78 cells: JAM78D30-xxx/TB (xxx=580-630, in steps of 5) 78 cells: JAM78D30-xxx/TB/1500V (xxx=580-630, in steps of 5) 72 cells: JAM72D30-xxx/TB (xxx=540-580, in steps of 5) 72 cells: JAM72D30-xxx/TB/1500V (xxx=540-580, in steps of 5)

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78 cells: JAM78D40-xxx/MB (xxx=580-655, in steps of 5) 78 cells: JAM78D40-xxx/MB/1500V (xxx=580-655, in steps of 5) 72 cells: JAM72D40-xxx/MB (xxx=540-610, in steps of 5) 72 cells: JAM72D40-xxx/MB/1500V (xxx=540-610, in steps of 5) 72 cells: JAM72D40-xxx/MB-US (xxx=585-615, in steps of 5) 72 cells: JAM72D40-xxx/MB-US/1500V (xxx=585-615, in steps of 5) 66 cells: JAM66D40-xxx/MB (xxx=500-545, in steps of 5) 66 cells: JAM66D40-xxx/MB/1500V (xxx=500-545, in steps of 5) 60 cells: JAM60D40-xxx/MB (xxx=455-495, in steps of 5) 60 cells: JAM60D40-xxx/MB/1500V (xxx=455-495, in steps of 5) 54 cells: JAM54D40-xxx/MB (xxx=405-455, in steps of 5) 54 cells: JAM54D40-xxx/MB/1500V (xxx=405-455, in steps of 5) 72 cells: JAM72D41-xxx/MB (xxx=575-590, in steps of 5) 72 cells: JAM72D41-xxx/MB/1500V (xxx=575-590, in steps of 5) 54 cells: JAM54D41-xxx/MB (xxx=405-445, in steps of 5) 54 cells: JAM54D41-xxx/MB/1500V (xxx=405-445, in steps of 5) 54 cells: JAM54D40-xxx/MR (xxx=405-455, in steps of 5) 54 cells: JAM54D40-xxx/MR/1500V (xxx=405-455, in steps of 5) 78 cells: JAM78D40-xxx/GB (xxx=580-655, in steps of 5) 78 cells: JAM78D40-xxx/GB/1500V (xxx=580-655, in steps of 5) 72 cells: JAM72D40-xxx/GB (xxx=540-610, in steps of 5) 72 cells: JAM72D40-xxx/GB/1500V (xxx=540-610, in steps of 5) 66 cells: JAM66D40-xxx/GB (xxx=500-560, in steps of 5) 66 cells: JAM66D40-xxx/GB/1500V (xxx=500-560, in steps of 5) 60 cells: JAM60D40-xxx/GB (xxx=455-505, in steps of 5) 60 cells: JAM60D40-xxx/GB/1500V (xxx=455-505, in steps of 5) 54 cells: JAM54D40-xxx/GB (xxx=405-455, in steps of 5) 54 cells: JAM54D40-xxx/GB/1500V (xxx=405-455, in steps of 5) 72 cells: JAM72D41-xxx/GB (xxx=575-590, in steps of 5) 72 cells: JAM72D41-xxx/GB/1500V (xxx=575-590, in steps of 5) 54 cells: JAM54D41-xxx/GB (xxx=415-435, in steps of 5) 54 cells: JAM54D41-xxx/GB/1500V (xxx=415-435, in steps of 5) 72 cells: JAM72D30-xxx/LB (xxx=555-575, in steps of 5) 72 cells: JAM72D30-xxx/LB/1500V (xxx=555-575, in steps of 5) 54 cells: JAM54D30-xxx/LB (xxx=420-430, in steps of 5) 54 cells: JAM54D30-xxx/LB/1500V (xxx=420-430, in steps of 5) 66 cells: JAM66D42-xxx/MB (xxx=540-600, in steps of 5) 66 cells: JAM66D42-xxx/MB/1500V (xxx=540-600, in steps of 5) 66 cells: JAM66D42-xxx/MR (xxx=540-600, in steps of 5) 66 cells: JAM66D42-xxx/MR/1500V (xxx=540-600, in steps of 5) 66 cells: JAM66D43-xxx/MB (xxx=565-580, in steps of 5) 66 cells: JAM66D43-xxx/MB/1500V (xxx=565-580, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

 98^{th} percentile module operating temperature (T_{98}):

1500V

25A or 30A

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Class II 70°C

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Module types:

PV Modules with 182mm Mono-crystalline Silicon half-cut or Asymmetric cut Solar

72 cells: JAM72D40-xxx/LB (xxx=560-620, in steps of 5) 72 cells: JAM72D40-xxx/LB/1500V (xxx=560-620, in steps of 5)

60 cells: JAM60D40-xxx/LB (xxx=485-515, in steps of 5)

60 cells: JAM60D40-xxx/LB/1500V (xxx=485-515, in steps of 5) 54 cells: JAM54D40-xxx/LB (xxx=420-475, in steps of 5)

54 cells: JAM54D40-xxx/LB/1500V (xxx=420-475, in steps of 5)

54 cells: JAM54D40-xxx/LR (xxx=420-475, in steps of 5)

54 cells: JAM54D40-xxx/LR/1500V (xxx=420-475, in steps of 5)

60 cells: JAM60D41-xxx/LB (xxx=485-505, in steps of 5) 60 cells: JAM60D41-xxx/LB/1500V (xxx=485-505, in steps of 5)

54 cells: JAM54D41-xxx/LB (xxx=420-455, in steps of 5)

54 cells: JAM54D41-xxx/LB/1500V (xxx=420-455, in steps of 5)

54 cells: JAM54D41-xxx/LR (xxx=440-455, in steps of 5) 72 cells: JAM72D42-xxx/LB (xxx=590-655, in steps of 5)

72 cells: JAM72D42-xxx/LB/1500V (xxx=590-655, in steps of 5)

60 cells: JAM60D42-xxx/LB (xxx=500-545, in steps of 5) 60 cells: JAM60D42-xxx/LB/1500V (xxx=500-545, in steps of 5)

54 cells: JAM54D42-xxx/LB (xxx=455-485, in steps of 5)

54 cells: JAM54D42-xxx/LB/1500V (xxx=455-485, in steps of 5)

78 cells: JAM78D49-xxx/LB (xxx=585-610, in steps of 5)

78 cells: JAM78D49-xxx/LB /1500V (xxx=585-610, in steps of 5) 66 cells: JAM66D45-xxx/LB (xxx=580-650, in steps of 5)

66 cells: JAM66D45-xxx/LB /1500V (xxx=580-650, in steps of 5)

66 cells: JAM66D45-xxx/LR (xxx=580-650, in steps of 5)

66 cells: JAM66D45-xxx/LR /1500V (xxx=580-650, in steps of 5)

72 cells: JAM72D40-xxx/HB (xxx=585-605, in steps of 5)

72 cells: JAM72D40-xxx/HB /1500V (xxx=585-605, in steps of 5) 54 cells: JAM54D40-xxx/HB (xxx=440-450, in steps of 5)

54 cells: JAM54D40-xxx/HB /1500V (xxx=440-450, in steps of 5)

54 cells: JAM54D41-xxx/HB (xxx=430-445, in steps of 5)

54 cells: JAM54D41-xxx/HB /1500V (xxx=430-445, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

25A or 30A

1500V

Electrical protection class:

98th percentile module operating

Class II 70°C

temperature (T98):

Module types:

PV Modules with 210mm Mono-crystalline Silicon 1/3-cut Solar Cells:

50 cells: JAM50S40-xxx/MR/1500V (xxx=490-500, in steps of 5)

50 cells: JAM50D40-xxx/MB (xxx=485-500, in steps of 5) 50 cells: JAM50D40-xxx/MB/1500V (xxx=485-500, in steps of 5)

Maximum system voltage:

1500V

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Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

25A

Class II 70°C

Module types:

PV Modules with 210mm Mono-crystalline Silicon 1/2-cut Solar Cells:

66 cells: JAM66S35-xxx/MR/1500V (xxx=650-670, in steps of 5) 60 cells: JAM60S35-xxx/MR/1500V (xxx=590-610, in steps of 5) 66 cells: JAM66D35-xxx/MB (xxx=650-665, in steps of 5) 66 cells: JAM66D35-xxx/MB/1500V (xxx=650-665, in steps of 5)

60 cells: JAM60D35-xxx/MB (xxx=590-605, in steps of 5) 60 cells: JAM60D35-xxx/MB/1500V (xxx=590-605, in steps of 5)

66 cells: JAM66D46-xxx/LB (xxx=685-740, in steps of 5)

66 cells: JAM66D46-xxx/LB /1500V (xxx=685-740, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

1500V 25A

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

Class II 70°C

Module types:

PV Modules with 182mm PERC Mono-crystalline Silicon 1/2-cut Solar Cells:

72 cells: JAM72S30-xxx/MR (xxx=525-560, in steps of 5) 66 cells: JAM66S30-xxx/MR (xxx=480-510, in steps of 5) 54 cells: JAM54S30-xxx/MR (xxx=395-420, in steps of 5) 72 cells: JAM72S30-xxx/LR (xxx=560-580, in steps of 5) 54 cells: JAM54S30-xxx/LR (xxx=415-435, in steps of 5) 72 cells: JAM72S30-xxx/GR (xxx=530-570, in steps of 5) 54 cells: JAM54S30-xxx/GR (xxx=400-425, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

1500V 25A

Electrical protection class: 98th percentile module operating

temperature (T98):

Class II

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70°C

Module types:

PV Modules with 182mm TOPCon Mono-crystalline Silicon 1/2-cut Solar Cells:

72 cells: JAM72S40-xxx/MR (xxx=580-615, in steps of 5) 54 cells: JAM54S40-xxx/MR (xxx=435-450, in steps of 5) 72 cells: JAM72S40-xxx/LR (xxx=560-615, in steps of 5) 60 cells: JAM60S40-xxx/LR (xxx=475-515, in steps of 5) 54 cells: JAM54S40-xxx/LR (xxx=420-475, in steps of 5) 54 cells: JAM54S40-xxx/LR-X (xxx=420-475, in steps of 5) 72 cells: JAM72S41-xxx/LR (xxx=560-630, in steps of 5)

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60 cells: JAM60S41-xxx/LR (xxx=475-525, in steps of 5) 54 cells: JAM54S41-xxx/LR (xxx=420-470, in steps of 5) 72 cells: JAM72S41-xxx/MR (xxx=585-605, in steps of 5) 54 cells: JAM54S41-xxx/MR (xxx=440-450, in steps of 5) 72 cells: JAM72S42-xxx/LR (xxx=600-655, in steps of 5) 66 cells: JAM66S42-xxx/MR (xxx=550-600, in steps of 5) 60 cells: JAM60S42-xxx/LR (xxx=500-545, in steps of 5) 54 cells: JAM54S42-xxx/LR (xxx=450-490, in steps of 5) 72 cells: JAM72S43-xxx/LR (xxx=595-635, in steps of 5) 66 cells: JAM66S43-xxx/MR (xxx=545-585, in steps of 5) 60 cells: JAM60S43-xxx/LR (xxx=495-530, in steps of 5) 54 cells: JAM54S43-xxx/LR (xxx=445-475, in steps of 5)

Maximum system voltage:

1500V

Maximum overcurrent protection

25A

rating:

Electrical protection class:

Class II

98th percentile module operating

temperature (T98):

70°C

Module types:

PV Modules with 210mm TOPCon Mono-crystalline Silicon 1/2-cut Solar Cells:

66 cells: JAM66S45-xxx/LR (xxx=600-635, in steps of 5)

Maximum system voltage:

1500V

Maximum overcurrent protection

30A

rating:

Electrical protection class: 98th percentile module operating Class II 70°C

temperature (T98):

Module types:

PV Modules with 182mm ABC Mono-crystalline Silicon 1/2-cut Solar Cells:

60 cells: JAT60S40-xxx/LR (xxx=510-540, in steps of 5) 54 cells: JAT54S40-xxx/LR (xxx=460-485, in steps of 5) 60 cells: JAT60S41-xxx/LR (xxx=505-530, in steps of 5) 54 cells: JAT54S41-xxx/LR (xxx=455-475, in steps of 5)

Maximum system voltage:

Electrical protection class:

1500V

Maximum overcurrent protection

25A

98th percentile module operating

Class II 70°C

temperature (T₉₈):

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Module types:

PV Modules with 182mm Mono-crystalline Silicon 1/5-cut Solar Cells:

76 cells: JAM76S11-xxx/PR(B)/1500V (xxx=395-415, in steps of 5)

Maximum system voltage:

e: 1500V

Maximum overcurrent protection rating:

25A

Electrical protection class:

Class II

98th percentile module operating

70°C

temperature (T₉₈):

iture (T₉₈):

Module types:

PV Modules with Poly-crystalline Silicon Solar Cells (156mm to 158.75mm):

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) 72 cells: JAP6(DG)-72-xxx/4BB/1500V (xxx=305-325, in steps of 5) 72 cells: JAP6(DG)-72-xxx/3BB/1500V (xxx=305-315, in steps of 5) 72 cells: JAP6(DG)-72-xxx/4BB/RE/1500V (xxx=310-335, in steps of 5) 72 cells: JAP6(K)(DG)-72-xxx/4BB/1500V (xxx=310-335, in steps of 5)

72 cells: JAP70(N)(DG)-72-xxx/4BB/1500V (xxx=310-335, in step 72 cells: JAP72D00-xxx/SC (xxx=305-345, in steps of 5) 72 cells: JAP72D00-xxx/SC/1500V (xxx=310-340, in steps of 5)

72 cells: JAP72D00-xxx/PR (xxx=330-350, in steps of 5)

72 cells: JAP72D00-xxx/PR/1500V (xxx=330-345, in steps of 5)

72 cells: JAP72D09-xxx/SC (xxx=325-345, in steps of 5)

72 cells: JAP72D09-xxx/SC/1500V (xxx=330-345, in steps of 5) 60 cells: JAP6(DG)-60-xxx/4BB/1500V (xxx=250-275, in steps of 5)

60 cells: JAP6(DG)-60-xxx/3BB/1500V (xxx=250-275, in steps of 5)

60 cells: JAP6(DG)-60-xxx/3BB/1500V (xxx=245-265, in steps of 5)

60 cells: JAP6(K)(DG)-60-xxx/4BB/1500V (xxx=255-280, in steps of 5)

60 cells: JAP60D00-xxx/SC (xxx=255-290, in steps of 5)

60 cells: JAP60D00-xxx/SC/1500V (xxx=260-285, in steps of 5)

60 cells: JAP60D00-xxx/PR (xxx=275-290, in steps of 5)

60 cells: JAP60D00-xxx/PR/1500V (xxx=275-290, in steps of 5)

60 cells: JAP60D09-xxx/SC (xxx=270-290, in steps of 5)

Dupor Ki,

60 cells: JAP60D09-xxx/SC/1500V (xxx=275-290, in steps of 5)

Maximum system voltage:

1500V

Maximum overcurrent protection

20A

rating:

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Electrical protection class:

98th percentile module operating

temperature (T₉₈):

Class II

70°C

Module types:

PV Modules with Poly-crystalline Silicon half-cut Solar Cells (156mm to 158.75mm):

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) 72 cells: JAP60S03-xxx/SC/1500V (xxx=270-290, in steps of 5) 72 cells: JAP60S03-xxx/PR/1500V (xxx=270-290, in steps of 5) 72 cells: JAP60S03-xxx/PR/1500V (xxx=270-290, in steps of 5) 72 cells: JAP60S10-xxx/SC/1500V (xxx=270-290, in steps of 5) 74 cells: JAP60S03-xxx/MS/1500V (xxx=270-285, in steps of 5) 75 cells: JAP60S08-xxx/SC/1500V (xxx=270-290, in steps of 5) 75 cells: JAP60S08-xxx/PR/1500V (xxx=270-290, in steps of 5) 75 cells: JAP60S08-xxx/PR/1500V (xxx=280-295, in steps of 5) 75 cells: JAP60S08-xxx/PR/1500V (xxx=280-295, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T98):

1500V

20A

Class II 70°C

Module types:

PV Modules with Mono-crystalline Silicon Solar Cells (156mm to 158.75mm):

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

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Maximum overcurrent protection

rating:

20A

Electrical protection class:

Class II

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 98^{th} percentile module operating temperature (T_{98}):

70°C

Module types:

PV Modules with Mono-crystalline Silicon half-cut Solar Cells (156mm to 158.75mm):

72 cells: JAM72S03-xxx/PR (xxx=360-395, in steps of 5) 72 cells: JAM72S10-xxx/PR (xxx=380-410, insteps of 5) 72 cells: JAM72S17-xxx/PR (xxx=380-390, in steps of 5) 72 cells: JAM72S10-xxx/MR (xxx=390-430, in steps of 5) 72 cells: JAM72S17-xxx/MR (xxx=390-430, in steps of 5) 72 cells: JAM72S17-xxx/GR (xxx=385-400, 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: JAM72S08-xxx/PR (xxx=360-395, 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=325-355, 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=315-355, in steps of 5) 78 cells: JAM78S10-xxx/MR (xxx=435-465, in steps of 5) 78 cells: JAM78S10-xxx/MR-J (xxx=435-465, in steps of 5) 66 cells: JAM66S10-xxx/MR (xxx=345-390, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

20A

Class II

1000V or 1500V

70°C

Module types:

PV Modules with Mono-crystalline Silicon half-cut Solar Cells (166mm to 168mm):

72 cells: JAM72S20-xxx/MR (xxx=430-470, in steps of 5) 72 cells: JAM72S20-xxx/MB (xxx=450-465, in steps of 5) 60 cells: JAM60S20-xxx/MR (xxx=355-390, in steps of 5) 60 cells: JAM60S21-xxx/MR (xxx=355-390, in steps of 5) 60 cells: JAM60S20-xxx/MB (xxx=375-390, in steps of 5) 1000V or 1500V

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

20A

Class II

70°C

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Module types:

PV Modules with 182mm Mono-crystalline Silicon half-cut Solar Cells:

78 cells: JAM78S30-xxx/MR (xxx=580-605, in steps of 5) 72 cells: JAM72S30-xxx/MR (xxx=510-560, in steps of 5) 66 cells: JAM66S30-xxx/MR (xxx=470-510, in steps of 5) 60 cells: JAM60S30-xxx/MR (xxx=435-460, in steps of 5) 54 cells: JAM54S30-xxx/MR (xxx=390-425, in steps of 5) 78 cells: JAM78S30-xxx/GR (xxx=575-610, in steps of 5) 72 cells: JAM72S30-xxx/GR (xxx=510-560, in steps of 5) 66 cells: JAM66S30-xxx/GR (xxx=500-510, in steps of 5) 60 cells: JAM60S30-xxx/GR (xxx=445-470, in steps of 5) 54 cells: JAM54S30-xxx/GR (xxx=400-420, in steps of 5) 72 cells: JAM72S31-xxx/MR (xxx=510-545, in steps of 5) 66 cells: JAM66S31-xxx/MR (xxx=470-500, in steps of 5) 60 cells: JAM60S31-xxx/MR (xxx=425-450, in steps of 5) 54 cells: JAM54S31-xxx/MR (xxx=385-415, in steps of 5) 78 cells: JAM78S31-xxx/GR (xxx=570-590, in steps of 5) 72 cells: JAM72S31-xxx/GR (xxx=510-545, in steps of 5) 66 cells: JAM66S31-xxx/GR (xxx=480-500, in steps of 5) 60 cells: JAM60S31-xxx/GR (xxx=435-450, in steps of 5) 54 cells: JAM54S31-xxx/GR (xxx=395-415, in steps of 5) 72 cells: JAM72S40-xxx/GR (xxx=540-575, in steps of 5) 66 cells: JAM66S40-xxx/GR (xxx=495-525, in steps of 5) 60 cells: JAM60S40-xxx/GR (xxx=450-480, in steps of 5) 54 cells: JAM54S40-xxx/GR (xxx=405-430, in steps of 5) 72 cells: JAM72S41-xxx/GR (xxx=540-570, in steps of 5) 66 cells: JAM66S41-xxx/GR (xxx=495-525, in steps of 5) 60 cells: JAM60S41-xxx/GR (xxx=450-475, in steps of 5) 54 cells: JAM54S41-xxx/GR (xxx=405-430, in steps of 5) 72 cells: JAM72S30-xxx/LR (xxx=555-580, in steps of 5) 54 cells: JAM54S30-xxx/LR (xxx=415-435, in steps of 5) 54 cells: JAM54S31-xxx/LR (xxx=415-425, in steps of 5) 72 cells: JAM72S30-xxx/MB (xxx=535-550, in steps of 5) 72 cells: JAM72S31-xxx/MB (xxx=525-540, in steps of 5) 54 cells: JAM54S30-xxx/MB (xxx=385-410, in steps of 5) 54 cells: JAM54S31-xxx/MB (xxx=385-405, in steps of 5) 54 cells: JAM54S30-xxx/LB (xxx=410-425, in steps of 5) 54 cells: JAM54S31-xxx/LB (xxx=410-415, in steps of 5) 72 cells: JAM72S40-xxx/MR (xxx=560-590, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

1000V or 1500V

25A

Class II

70°C

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Module types:

PV Modules with 210mm Mono-crystalline Silicon 1/3-cut Solar Cells:

50 cells: JAM50S40-xxx/MR (xxx=490-500, in steps of 5) 66 cells: JAM66S35-xxx/MR (xxx=650-670, in steps of 5) 60 cells: JAM60S35-xxx/MR (xxx=590-610, in steps of 5)

Maximum system voltage:

1000V or 1500V

Maximum overcurrent protection rating:

25A

Electrical protection class:

Class II

98th percentile module operating

temperature (T98):

70°C

Module types:

PV Modules with 182mm Mono-crystalline Silicon 1/5-cut Solar Cells:

68 cells: JAM68S11-xxx/PR (xxx=355-365, in steps of 5) 68 cells: JAM68S11-xxx/PR(B) (xxx=345-365, in steps of 5) 76 cells: JAM76S11-xxx/PR(B) (xxx=395-415, in steps of 5)

Maximum system voltage:

1000V or 1500V

Maximum overcurrent protection

25A

rating: Electrical protection class:

Class II

98th percentile module operating

70°C

temperature (T98):

Module types:

PV Modules with Poly-crystalline Silicon Solar Cells (156mm to 158.75mm):

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) 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

Maximum overcurrent protection rating:

20A

Electrical protection class:

Class II

98th percentile module operating

70°C

temperature (T98):

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Module types:

PV Modules with Poly-crystalline Silicon half-cut Solar Cells (156mm to 158.75mm):

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) 72 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) 60 cells: JAP60S08-xxx/PR (xxx=280-295, in steps of 5)

Maximum system voltage:

Maximum overcurrent protection

rating:

Electrical protection class:

98th percentile module operating

temperature (T₉₈):

20A

1000V or 1500V

Class II 70°C

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) with the same file no.

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