

CERTIFICATE

TÜV NORD CERT GmbH

herewith declares that

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 mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2022-12-01 Valid until: 2026-04-15

Certification program: Certification fundamental(s): Remark:

Registered No.: Manufacturer: Test Report No.: File No.: P12-VA-01 Rev. 17 09.20 P12.4-AA-08 Rev. 01 (IEC 61701:2020 modified) Test Method 6 Test duration: 1344 hours 44 780 21 406749 - 051R3A3M5 see Annex 1 492011627.006 PVP08030/22P-01

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TÜV NORD CERT GmbH Certification Body Consumer Products

Please also pay attention to the information stated overleaf.

TÜV NORD CERT GmbH

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Essen, 2022-12-01



2022-12-01

Manufacturer:

Aktenzeichen: / File reference: PVP08030/22P-01

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.:	862010153.010
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.:	862010241.009
Manufacturer 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.:	862010290.007
Manufacturer 4:	Vina Solar Technology Co., Ltd. E12 factory, lot CN-03, Van Trung Industrial park 21000 Bac Giang Province, Vietnam
Factory inspection report no.:	862010302.006
Manufacturer 5:	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.:	862010496.003
Manufacturer 6:	Yiwu JA Solar Technology Co., Ltd. No. 165, Tongze Road, Yiting Town, Yiwu City, Zhejiang Province, 322000, P.R. China.
Factory inspection report no.:	862010513.003
Manufacturer 7:	JA Solar Viet Nam Company Limited Lot G, Quang Chau Industrial Zone, Quang Chau Commune Viet Yen Dist, 236110 Bac Giang Province, VIETNAM.
Factory inspection report no.:	862010560.002





Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 051R3A3M5

Aktenzeichen: / File reference: PVP08030/22P-01

Manufacturer 8:	JA Solar New Energy Yangzhou Co., Ltd. (Jingshan Park	
	No.123, Jinshan Road, Economic Development Zone,	
	Yangzhou, Jiangsu Province, 225127, P.R. China	
Factory inspection report no.:	862010584.002	

Remark:

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

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Anlage 2 zum Zertifikat Nr.: / Annex 2 to Certificate No.: 44 780 21 406749 - 051R3A3M5 Aktenzeichen: / File reference: PVP08030/22P-01

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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) 60 cells: JAM60S02-xxx/SC/1000V (xxx=265-305, in steps of 5)

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	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)-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:	1000V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II
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:	1000V
Fuse rating:	10A
Application class:	Class A
Electrical protection class:	Class II
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=385-400, in steps of 5) 72 cells: JAM72S10-xxx/BP/1000V (xxx=390-430, in steps of 5) 72 cells: JAM72S10-xxx/MR/1000V (xxx=390-430, in steps of 5) 72 cells: JAM72S10-xxx/PR/1000V (xxx=360-395, 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/PR/1000V (xxx=380-390, in steps of 5) 72 cells: JAM72S17-xxx/PR/1000V (xxx=380-430, in steps of 5) 72 cells: JAM72S17-xxx/PR/1000V (xxx=385-400, in steps of 5) 60 cells: JAM60S03-xxx/PR/1000V (xxx=315-345, in steps of 5) 60 cells: JAM60S10-xxx/PR/1000V (xxx=320-330, in steps of 5) 60 cells: JAM60S10-xxx/PR/1000V (xxx=320-330, in steps of 5) 60 cells: JAM60S10-xxx/PR/1000V (xxx=320-330, in steps of 5)





Aktenzeichen: / File reference: PVP08030/22P-01

Maximum system voltage: Fuse rating: Application class: Electrical protection class:	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) 66 cells: JAM66S10-xxx/MR/1000V (xxx=345-390, in steps of 5) 1000V 20A Class A Class II
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=375-390, in steps of 5) 60 cells: JAM60S20-xxx/MB/1000V (xxx=375-390, in steps of 5)
Maximum system voltage:	1000V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
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=470-505, in steps of 5) 72 cells: JAM72S30-xxx/MR/1000V (xxx=510-555, in steps of 5) 78 cells: JAM78S30-xxx/MR/1000V (xxx=580-605, in steps of 5) 54 cells: JAM54S30-xxx/MR/1000V (xxx=390-415, in steps of 5) 78 cells: JAM78S30-xxx/GR/1000V (xxx=575-600, in steps of 5) 72 cells: JAM72S30-xxx/GR/1000V (xxx=535-560, in steps of 5) 66 cells: JAM66S30-xxx/GR/1000V (xxx=500-510, in steps of 5) 60 cells: JAM60S30-xxx/GR/1000V (xxx=445-465, in steps of 5) 72 cells: JAM60S30-xxx/GR/1000V (xxx=400-420, in steps of 5) 66 cells: JAM66S31-xxx/MR/1000V (xxx=470-500, in steps of 5) 60 cells: JAM66S31-xxx/MR/1000V (xxx=425-450, in steps of 5)





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	54 cells: JAM54S31-xxx/MR/1000V (xxx=385-405, in steps of 5)
	78 cells: JAM78S31-xxx/GR/1000V (xxx=570-590, in steps of 5)
	72 cells: JAM72S31-xxx/GR/1000V (xxx=525-545, 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=395-405, in steps of 5)
	72 cells: JAM72S40-xxx/GR/1000V (xxx=545-570, in steps of 5)
	66 cells: JAM66S40-xxx/GR/1000V (xxx=500-525, in steps of 5)
	60 cells: JAM60S40-xxx/GR/1000V (xxx=455-475, in steps of 5)
	54 cells: JAM54S40-xxx/GR/1000V (xxx=410-430, 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)
	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)
Maximum system voltage:	1000V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
Module types:	PV Modules with 210mm Mono-crystalline Silicon 1/3-cut Solar Cells:
Module types:	
Module types: Maximum system voltage:	Cells:
	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5)
Maximum system voltage:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V
Maximum system voltage: Fuse rating:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A
Maximum system voltage: Fuse rating: Application class:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A
Maximum system voltage: Fuse rating: Application class:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A
Maximum system voltage: Fuse rating: Application class: Electrical protection class:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A Class II PV Modules with 182mm Mono-crystalline Silicon 1/5-cut Solar
Maximum system voltage: Fuse rating: Application class: Electrical protection class:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A Class A Class II PV Modules with 182mm Mono-crystalline Silicon 1/5-cut Solar Cells:
Maximum system voltage: Fuse rating: Application class: Electrical protection class: Module types:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A Class A Class II 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: Fuse rating: Application class: Electrical protection class: Module types: Maximum system voltage:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A Class A Class II 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) 1000V
Maximum system voltage: Fuse rating: Application class: Electrical protection class: Module types: Maximum system voltage: Fuse rating:	Cells: 50 cells: JAM50S40-xxx/MR/1000V (xxx=490-500, in steps of 5) 1000V 25A Class A Class A Class II 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) 1000V 25A

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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 20A Class A Class II

Module types:

Application class:

Fuse rating:

Maximum system voltage:

Electrical protection class:

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)

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TÜV NORD CERT GmbH Certification Body Consumer Products



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Maximum system voltage:

Electrical protection class:

Fuse rating:

Application class:

Module types:

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)
1000V
20A
Class A
Class II
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)
1500V

Maximum system voltage:

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20A Class A Class II

2022-12-01

Fuse rating:
Application class:
Electrical protection class:

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) 1500V 20A Class A

Class II

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) 1500V

Maximum system voltage:

Maximum system voltage:

Electrical protection class:

Fuse rating:

Application class:

Module types:





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Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II

Aktenzeichen: / File reference: PVP08030/22P-01

Module types:

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

72 cells: JAM72S30-xxx/MR/1500V (xxx=510-555, 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) 54 cells: JAM54S30-xxx/MR/1500V (xxx=390-415, in steps of 5) 78 cells: JAM78S30-xxx/MR/1500V (xxx=580-605, in steps of 5) 78 cells: JAM78S30-xxx/GR/1500V (xxx=575-600, in steps of 5) 72 cells: JAM72S30-xxx/GR/1500V (xxx=535-560, in steps of 5) 66 cells: JAM66S30-xxx/GR/1500V (xxx=500-510, in steps of 5) 60 cells: JAM60S30-xxx/GR/1500V (xxx=445-465, 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=385-405, in steps of 5) 78 cells: JAM78S31-xxx/GR/1500V (xxx=575-590, in steps of 5) 72 cells: JAM72S31-xxx/GR/1500V (xxx=525-545, 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=395-405, in steps of 5) 72 cells: JAM72S40-xxx/GR/1500V (xxx=545-570, in steps of 5) 66 cells: JAM66S40-xxx/GR/1500V (xxx=500-525, in steps of 5) 60 cells: JAM60S40-xxx/GR/1500V (xxx=455-475, in steps of 5) 54 cells: JAM54S40-xxx/GR/1500V (xxx=410-430, 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) 1500V 25A

Maximum system voltage:	
Fuse rating:	
Application class:	
Electrical protection class:	

1400

TÜV NORD CERT GmbH Certification Body Consumer Products Class A Class II



Anlage 2 zum Zertifikat Nr.: / Annex 2 to Certificate No.: 44 780 21 406749 - 051R3A3M5

Aktenzeichen: / File reference: PVP08030/22P-01

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)
Maximum system voltage:	1500V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
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:	1500V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
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/SC/1500V (xxx=330-345, in steps of 5) 60 cells: JAP72S02-xxx/PR/1500V (xxx=230-345, in steps of 5) 60 cells: JAP6(K)-60-xxx/4BB/1500V (xxx=235-275, in steps of 5) 60 cells: JAP60S01-xxx/SC/1500V (xxx=255-290, in steps of 5) 60 cells: JAP60S01-xxx/SC/1500V (xxx=265-290, in steps of 5) 60 cells: JAP60S01-xxx/SC/1500V (xxx=270-280, in steps of 5) 60 cells: JAP60S02-xxx/SC/1500V (xxx=275-285, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Rn Mabo



Anlage 2 zum Zertifikat Nr.: / Annex 2 to Certificate No.: 44 780 21 406749 - 051R3A3M5

Aktenzeichen: / File reference: PVP08030/22P-01

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)
	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
Module types:	PV Modules with Mono-crystalline Silicon Solar Cells (156mm to 158.75mm):
Module types:	
Module types:	158.75mm):
Module types:	158.75mm): 72 cells: JAM72S01-xxx/SC (xxx=320-365, in steps of 5)
Module types:	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)
Module types:	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)
Module types:	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)
Module types:	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)
Module types:	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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=370-405, in steps of 5)
Module types:	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/PR (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)
Module types:	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/PR (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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5)
Module types:	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/PR (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/PR (xxx=365-385, in steps of 5)
Module types:	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/PR (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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, 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)
Module types:	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/PR (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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 60 cells: JAM60S01-xxx/SC (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5)
Module types:	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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=370-405, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 60 cells: JAM60S01-xxx/SC (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5)
Module types:	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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=370-405, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 60 cells: JAM60S01-xxx/SC (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=305-320, in steps of 5)
Module types:	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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=370-405, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 60 cells: JAM60S01-xxx/SC (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=305-320, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=305-320, in steps of 5)
Module types:	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/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=370-405, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 72 cells: JAM72S09-xxx/PR (xxx=365-385, in steps of 5) 60 cells: JAM60S01-xxx/SC (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=265-305, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=285-325, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=305-320, in steps of 5) 60 cells: JAM60S01-xxx/PR (xxx=305-320, in steps of 5) 60 cells: JAM60S02-xxx/PR (xxx=305-320, in steps of 5)

Maximum system voltage:



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Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Aktenzeichen: / File reference: PVP08030/22P-01

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) 1000V or 1500V 20A Class A Class II

Maximum system voltage: Fuse rating: Application class: Electrical protection class:

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)

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Aktenzeichen: / File reference: PVP08030/22P-01

Maximum system voltage:	1000V or 1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Module types:

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

72 cells: JAM72S30-xxx/MR (xxx=510-555, 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) 54 cells: JAM54S30-xxx/MR (xxx=390-415, in steps of 5) 78 cells: JAM78S30-xxx/MR (xxx=580-605, in steps of 5) 78 cells: JAM78S30-xxx/GR (xxx=575-600, in steps of 5) 72 cells: JAM72S30-xxx/GR (xxx=535-560, in steps of 5) 66 cells: JAM66S30-xxx/GR (xxx=500-510, in steps of 5) 60 cells: JAM60S30-xxx/GR (xxx=445-465, 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=385-405, in steps of 5) 78 cells: JAM78S31-xxx/GR (xxx=575-590, in steps of 5) 72 cells: JAM72S31-xxx/GR (xxx=525-545, 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=395-405, in steps of 5) 72 cells: JAM72S40-xxx/GR (xxx=545-570, in steps of 5) 66 cells: JAM66S40-xxx/GR (xxx=500-525, in steps of 5) 60 cells: JAM60S40-xxx/GR (xxx=455-475, in steps of 5) 54 cells: JAM54S40-xxx/GR (xxx=410-430, 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) 1000V or 1500V 25A

Maximum system voltage: Fuse rating: Application class: Electrical protection class:

TÜV NORD CERT GmbH Certification Body Consumer Products Class A

Class II



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Aktenzeichen: / File reference: PVP08030/22P-01

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)
Maximum system voltage:	1000V or 1500V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
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
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II
Module types:	PV Modules with Poly-crystalline Silicon Solar Cells (156mm to 158.75mm):
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)
Module types:	158.75mm):
Module types:	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)
Module types:	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)
Module types:	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)
Module types:	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)
Module types:	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)
Module types:	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)
Module types:	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)
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Module types:	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: JAP60S01-xxx/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S02-xxx/PR (xxx=275-285, in steps of 5)
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	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/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S01-xxx/SC (xxx=265-290, in steps of 5)
Maximum system voltage:	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: JAP60S01-xxx/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S02-xxx/PR (xxx=265-290, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=275-285, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=270-280, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=245-255, in steps of 5) 60 cells: JAP60S01-xxx/PR (xxx=245-255, in steps of 5)





Anlage 2 zum Zertifikat Nr.: / Annex 2 to Certificate No.: 44 780 21 406749 - 051R3A3M5 Aktenzeichen: / File reference: PVP08030/22P-01

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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/PR (xxx=320-345, in steps of 5) 60 cells: JAP60S03-xxx/PR (xxx=280-295, in steps of 5) 60 cells: JAP60S03-xxx/PR (xxx=270-290, in steps of 5) 60 cells: JAP60S08-xxx/PR (xxx=270-290, in steps of 5) 60 cells: JAP60S08-xxx/PR (xxx=270-290, in steps of 5) 60 cells: JAP60S08-xxx/PR (xxx=280-295, in steps of 5) 60 cells: JAP60S08-xxx/PR (xx=280-295, in steps of 5) 60 cells: JAP60S08-xxx/PR (xx=280-295, in steps of 5) 60 cells: JAP60S08	Electrical protection class:	Class II
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Maximum system voltage:1000V or 1500VFuse rating:20AApplication class:Class A		60 cells: JAP60S08-xxx/SC (xxx=270-290, in steps of 5)
Fuse rating:20AApplication class:Class A		60 cells: JAP60S08-xxx/PR (xxx=280-295, in steps of 5)
Application class: Class A	Maximum system voltage:	1000V or 1500V
	Fuse rating:	20A
Electrical protection class: Class II	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.

~ Aliao