

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

SELFA Grzejnictwo Elektryczne S.A.
Bieszczadzka 14, 71-042 Szczecin,
POLAND

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: 2023-05-06
Valid until: 2028-05-09

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 21 406749 - 134R1A1M1
Manufacturer:	see Annex 1
Test Report No.:	492011736.002
File No.:	PVP04159/23P



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Certification Body
Consumer Products



Essen, 2023-05-06

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 134R1A1M1

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Aktenzeichen: / File reference: PVP04159/23P

2023-05-06

Manufacturer:

Manufacturer: **Coded by debtor no. 55403167**

Factory inspection report no.: 862010379.005

Remark:

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



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Description of product(s):

Module types:	PV Modules with 7" Half Cut Mono-crystalline Silicon Solar Cells: 156 cells: SV156M.X.3-*** (***=560-605, in increment of 5) 144 cells: SV144M.X.3-*** (***=515-570, in increment of 5) 132 cells: SV132M.X.3-*** (***=475-520, in increment of 5) 120 cells: SV120M.X.3-*** (***=430-475, in increment of 5) 108 cells: SV108M.X.3-*** (***=390-425, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A or 30A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or II
Design load (positive / negative):	3600Pa (positive) / 1600Pa (negative)
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (per ANSI/UL 790-2018)
Module types:	PV Modules with 8" Half Cut Mono-crystalline Silicon Solar Cells: 132 cells: SV132M.X.3-*** (***=630-670, in increment of 5) 120 cells: SV120M.X.3-*** (***=575-610, in increment of 5) 108 cells: SV108M.X.3-*** (***=515-545, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	30A or 35A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or II
Design load (positive / negative):	3600Pa (positive) / 1600Pa (negative)
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (per ANSI/UL 790-2018)



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Module types:	PV Modules with half-cut 7" n-type Topcon Bifacial Mono Solar Cells: 156 cells: SV156M.X.4-*** (***=580-625, in increment of 5) 144 cells: SV144M.X.4-*** (***=555-575, in increment of 5) 132 cells: SV132M.X.4-*** (***=510-525, in increment of 5) 120 cells: SV120M.X.4-*** (***=460-480, in increment of 5) 108 cells: SV108M.X.4-*** (***=410-430, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	30A or 25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa (positive) / 1600Pa (negative)
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (per ANSI/UL 790-2018)

Remark:

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



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