

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

EXIOM SOLUTION,S.A
Calle San Francisco 5 5º,
33003
(Oviedo, Asturias)

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: 2021-11-01

Valid until: 2024-04-29

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 - 231
Manufacturer:	see Annex 1
Test Report No.:	492011849.001
File No.:	PVP10044/21P


TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2021-11-01

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 231

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Aktenzeichen: / File reference: PVP10044/21P

2021-11-01

Manufacturer:

Manufacturer 1: **Coded by debtor no.55479683**

Factory inspection report no.: 862010357.004

Manufacturer 2: **Coded by debtor no.55479682**

Factory inspection report no.: 862010574.001

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 module with 6" Mono-crystalline MWT Solar Cells: 72 cells: EXxxxSPM-M72(xxx=345-395W in increments of 5) 72 cells: EXxxxSPM-N72(xxx=375-405W in increments of 5) 60 cells: EXxxxSPM-M60(xxx=285-330W in increments of 5) 60 cells: EXxxxSPM-N60(xxx=310-350W in increments of 5) 54 cells: EXxxxSPM-M54(xxx=255-295W in increments of 5) 54 cells: EXxxxSPM-N54(xxx=275-315W in increments of 5) 36 cells: EXxxxSPM-M36(xxx=170-195W in increments of 5) 36 cells: EXxxxSPM-N36(xxx=185-210W in increments of 5)
Maximum system voltage:	1500V
Fuse rating:	15A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 2400Pa or 3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types:

PV module with 6" Mono-crystalline MWT Solar Cells:

210 cells: EXxxxSPM-210(HC)(166)(xxx=615-645W in increments of 5)

189 cells: EXxxxSPM-189(HC)(166)(xxx=555-590W in increments of 5)

150 cells: EXxxxSPM-150(HC)(166)(xxx=450-470W in increments of 5)

144 cells: EXxxxSPM-144(HC)(166)(xxx=430-450W in increments of 5)

138 cells: EXxxxSPM-138(HC)(166)(xxx=410-430W in increments of 5)

132 cells: EXxxxSPM-132(HC)(166)(xxx=395-410W in increments of 5)

126 cells: EXxxxSPM-126(HC)(166)(xxx=375-395W in increments of 5)

176 cells: EXxxxSPM-176(HC)(xxx=325-345W in increments of 5)

156 cells: EXxxxSPM-156(HC)(162.75)(xxx=435-460W in increments of 5)

144 cells: EXxxxSPM-M144(HC)(xxx=375-405W in increments of 5)

144 cells: EXxxxSPM-144(HC)(162.75)(xxx=385-440W in increments of 5)

132 cells: EXxxxSPM-132(HC)(162.75)(xxx=355-390W in increments of 5)

126 cells: EXxxxSPM-126(HC)(162.75)(xxx=340-385W in increments of 5)

120 cells: EXxxxSPM-M120(HC)(xxx=315-335W in increments of 5)

120 cells: EXxxxSPM-120(HC)(162.75)(xxx=320-365W in increments of 5)

Maximum system voltage:	1500V
Fuse rating:	12A or 15A or 20A or 25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 2400Pa or 3600Pa / 1600Pa or 2400Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Remark:

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