

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Trienergia Srl
Strada Pavesa, 13/A,
Bondeno di Gonzaga(MN), 46023,
Italy

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: 2023-11-08
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 20 406749 - 255R1A2M1
Manufacturer:	see Annex 1
Test Report No.:	492011573.002
File No.:	PVP12037/21P



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2023-11-08

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 20 406749 - 255R1A1M1

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Aktenzeichen: / File reference: PVP12037/21P

2023-11-08

Manufacturer:

Manufacturer 1: **Coded by debtor no.55479683**
Factory inspection report no.: 862010357.005

Manufacturer 2: **Coded by debtor no.55573364**
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: TRlxxxFL-yy(XXX=345-395W, in increments of 5)

72 cells: TRlxxxFM-yy(XXX=375-405W, in increments of 5)

60 cells: TRlxxxSL-yy(XXX=285-330W, in increments of 5)

60 cells: TRlxxxSM-yy(XXX=310-350W, in increments of 5)

54 cells: TRlxxxKL-yy(XXX=255-295W, in increments of 5)

54 cells: TRlxxxKM-yy(XXX=275-315W, in increments of 5)

36 cells: TRlxxxZL-yy(XXX=170-195W, in increments of 5)

36 cells: TRlxxxZM-yy(XXX=185-210W, in increments of 5)

210 cells: TRlxxxAP-yy(XXX=615-645W, in increments of 5)

189 cells: TRlxxxEP-yy(XXX=555-590W, in increments of 5)

150 cells: TRlxxxIP-yy(XXX=450-470W, in increments of 5)

144 cells: TRlxxxRP-yy(XXX=430-450W, in increments of 5)

138 cells: TRlxxxOP-yy(XXX=410-430W, in increments of 5)

132 cells: TRlxxxVP-yy(XXX=395-410W, in increments of 5)

126 cells: TRlxxxHP-yy(XXX=375-395W, in increments of 5)

176 cells: TRlxxxGE-yy(XXX=325-345W, in increments of 5)

156 cells: TRlxxxQM-yy(XXX=435-460W, in increments of 5)

144 cells: TRlxxxRL-yy(XXX=375-405W, in increments of 5)

144 cells: TRlxxxRM-yy(XXX=385-440W, in increments of 5)

132 cells: TRlxxxVM-yy(XXX=355-390W, in increments of 5)

126 cells: TRlxxxHM-yy(XXX=340-385W, in increments of 5)

120 cells: TRlxxxUL-yy(XXX=315-335W, in increments of 5)

120 cells: TRlxxxUM-yy(XXX=320-365W, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

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

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.

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