

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Zhejiang Isola New Energy Co., Ltd.
Xiufeng Village, Gaoqiao town, Haishu District
Ningbo City, Zhejiang Province, 315121
P.R.China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

PV Modules with Half-cut Mono-crystalline Silicon Solar Cells



Valid from: 2021-05-28

Valid until: 2026-04-13

Tested according to: 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 - 097
Manufacturer: see Annex 1
Test Report No.: 492011689.001
File No.: PVP04094/21P



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Certification Body
Consumer Products



Essen, 2021-05-28

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 097

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Aktenzeichen: / File reference: PVP04094/21P

2021-05-28

Manufacturer:

Manufacturer: Coded by debtor no. 55437480

Factory inspection report no.: 862010428.002

Remark:

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

A handwritten signature in blue ink, appearing to read "Rogner".

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**Certificate
of conformity with the following
European Directives**

Registered No.:
44 799 21 406749 - 061

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2021-04-23	PVP04094/21P	492011689.001	2021-05-28	Essen

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Type designation: See Annex 1

Applicant: **Zhejiang Isola New Energy Co., Ltd.**
Xiufeng Village, Gaoqiao town , Haishu District
Ningbo City, Zhejiang Province, 315121, P.R. China

Standard(s): EN IEC 61730-1:2018; EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018; EN IEC 61730-2:2018/AC:2018-06

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.



Certification Body
Specialist Manager Consumer Products

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Description of product(s):

Module types:

PV Modules with Half-cut Mono-crystalline Silicon Solar Cells:

144 cells: YHxxxW-36MH (xxx=525-550, in increment of 5)

144 cells: YHxxxW-36MH (xxx=430-460, in increment of 5)

132 cells: YHxxxW-33MH (xxx=480-500, in increment of 5)

132 cells: YHxxxW-33MH (xxx=395-420, in increment of 5)

120 cells: YHxxxW-30MH (xxx=440-455, in increment of 5)

120 cells: YHxxxW-30MH (xxx=360-380, in increment of 5)

108 cells: YHxxxW-27MH (xxx=395-405, in increment of 5)



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Description of product(s):

Module types:	PV Modules with Half-cut Mono-crystalline Silicon Solar Cells 144 cells: YHxxxW-36MH (xxx=525-550, in increment of 5) 144 cells: YHxxxW-36MH (xxx=430-460, in increment of 5) 132 cells: YHxxxW-33MH (xxx=480-500, in increment of 5) 132 cells: YHxxxW-33MH (xxx=395-420, in increment of 5) 120 cells: YHxxxW-30MH (xxx=440-455, in increment of 5) 120 cells: YHxxxW-30MH (xxx=360-380, in increment of 5) 108 cells: YHxxxW-27MH (xxx=395-405, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	1600Pa / 1600Pa or 3600Pa / 1600Pa, refer CDF for details
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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