

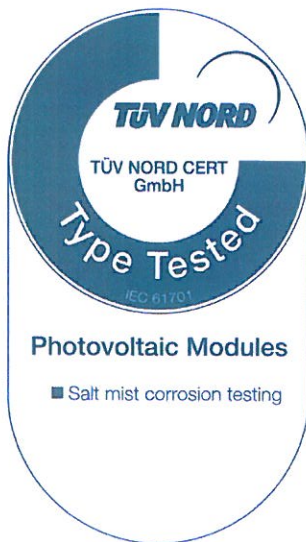
CERTIFICATE



TÜV NORD CERT GmbH
herewith declares that

Econess Energy Co., Ltd.
No.58, Haida Road, Huashi Town
Jiangyin City, Jiangsu Province, 214421
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 6" Mono-crystalline Silicon Solar Cells

PV Modules with 6" Poly-crystalline Silicon Solar Cells

Tested according to: IEC 61701: 2011 Severity 6.
Remark: Max system voltage: 1100V.
Registered No.: 44 780 18 406749 - 313
Manufacturer: see Annex 1
Test Report No.: 492011134.001
File No.: SHV05042/18

Valid until: 2023-10-31

TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2018-11-01

Please also pay attention to the information stated overleaf.

Manufacturer:

Manufacturer: **Econess Energy Co., Ltd.**
No.58, Haida Road, Huashi Town
Jiangyin City, Jiangsu Province, 214421, P.R. China

Factory inspection report no.: 862010180.005

Remark:

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



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Consumer Products

Description of product(s):

Module types:

PV Modules with 6" Poly-crystalline Silicon Solar Cells:

72 cells: EN156P-72-xxx (xxx = 300 - 350, in increments of 5)

60 cells: EN156P-60-xxx (xxx = 250 - 290, in increments of 5)

54 cells: EN156P-54-xxx (xxx = 225 - 260, in increments of 5)

48 cells: EN156P-48-xxx (xxx = 200 - 230, in increments of 5)

36 cells: EN156P-36-xxx (xxx = 150 - 175, in increments of 5)

Maximum system voltage:

1100V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Module types:

PV Modules with 6" Mono-crystalline Silicon Solar Cells:

72 cells: EN156M-72-xxx (xxx = 330 - 370, in increments of 5)

60 cells: EN156M-60-xxx (xxx = 275 - 305, in increments of 5)

54 cells: EN156M-54-xxx (xxx = 245 - 275, in increments of 5)

48 cells: EN156M-48-xxx (xxx = 220 - 245, in increments of 5)

36 cells: EN156M-36-xxx (xxx = 165 - 185, in increments of 5)

Maximum system voltage:

1100V

Fuse rating:

15A

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.



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