

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

Tested according to: P12.4-AA-02 Rev. 00
(IEC TS 62804-1:2015 modified)
Remark: Temperature: 85°C; Relative humidity: 85%;
Max system voltage: 1100V; Test duration: 192h
Registered No.: 44 780 18 406749 - 270
Manufacturer: see Annex 1
Test Report No.: 492011107.001
File No.: SHV05041/18



Valid from: 2018-09-07
Valid until: 2023-09-06



Essen, 2018-09-07



TÜV NORD CERT GmbH
Certification Body
Consumer Products

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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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)

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)

Maximum system voltage:

1100V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II



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