

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" Half-cut Mono-crystalline Silicon Solar Cells

PV Modules with 6" Half-cut Poly-crystalline Silicon Solar Cells

Valid until: 2026-01-18

Tested according to: IEC 61701:2011 / EN 61701:2012 Severity 6.

Registered No.: 44 780 21 406749 - 009

Manufacturer: see Annex 1

Test Report No.: 492011570.001

File No.: PVP07087/20P-03



Essen, 2021-01-19



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Certification Body
Consumer Products

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 009

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Aktenzeichen: / File reference: PVP07087/20P-03

2021-01-19

Manufacturer:

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

Factory inspection report no.: 862010180.008

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" Half-cut Mono-crystalline Silicon Solar Cells:**

144 cells: EN156M-144-xxx (xxx = 345 - 395, in increments of 5)

120 cells: EN156M-120-xxx (xxx = 290 - 330, in increments of 5)

144 cells: EN158M-144-xxx (xxx = 370 - 415, in increments of 5)

120 cells: EN158M-120-xxx (xxx = 310 - 345, in increments of 5)

Maximum system voltage: 1500V

Fuse rating: 15A

Application class: Class A

Electrical protection class: Class II

Module types: **PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells:**

144 cells: EN166M-144-xxx (xxx = 405 - 455, in increments of 5)

120 cells: EN166M-120-xxx (xxx = 340 - 380, in increments of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II

Module types: **PV Modules with 6" Half-cut Poly-crystalline Silicon Solar Cells:**

144 cells: EN156P-144-xxx (xxx = 300 - 355, in increments of 5)

120 cells: EN156P-120-xxx (xxx = 250 - 295, in increments of 5)

144 cells: EN158P-144-xxx (xxx = 300 - 355, in increments of 5)

120 cells: EN158P-120-xxx (xxx = 250 - 295, in increments of 5)

Maximum system voltage: 1500V

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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