

To:

Company: Econess Energy Co., Ltd.
Contact: Mr. Xu Jin
Email: jinxu@eco-pv.com

From:

Company: TÜV NORD (HANGZHOU) CO., LTD.
Contact: Ms. Miley Li
Email: wli@tuv-nord.com

2021-02-04

Subject: Declaration of cancellation

File No.: PVP05096/20P-03
License holder: **Econess Energy Co., Ltd.**
No.58, Haida Road, Huashi Town,
Jiangyin City, Jiangsu Province, 214421, P.R. China
Manufacturer: **Econess Energy Co., Ltd.**
No.58, Haida Road, Huashi Town,
Jiangyin City, Jiangsu Province, 214421, P.R. China
Certificate No.: 44 780 20 406749 - 248
Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Herewith it is declared, that the above noted certificate(s) has (have) been invalidated since the date 2021-02-04.

The cancellation is to:

- License holder applied for cancellation.
 New certificate(s) has (have) been issued to replace the cancelled one(s).
(New certificate(s) : 44 780 20 406749 - 248M1)
 Annual factory inspection is refused by the license holder or the manufacturer.
 Factory Inspection fee or annual fee or registration fee is not paid by License Holder or Manufacturer.
 Others. (N/A)

Please pay attention to stop using the invalid certificate(s) from 2021-02-04. Meanwhile, please send back the original copies of above mentioned certificate(s) to us.

TÜV NORD reserved the right of final explanation about the cancellation of certificate(s). TÜV NORD will not take any responsibility for the circumstance of misusing the invalid certificate(s) by the license holder or the manufacturer.

PV Business - Renewable Energy
TÜV NORD (Hangzhou) Co., Ltd.

Miley Li

Technical Support



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):

Double glass PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells



Valid from: 2021-02-04

Valid until: 2025-12-10

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 20 406749 - 248M1
Manufacturer: see Annex 1
Test Report No.: 492011538.002
File No.: PVP05096/20P-04



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2021-02-04

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.: 862010180.008

Remark:

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



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Module types:	Double glass PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells: 144 cells: EN166M-144D-xxx (xxx = 420 - 465, in increments of 5) 120 cells: EN166M-120D-xxx (xxx = 350 - 385, in increments of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	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.



TÜV NORD CERT GmbH
Certification Body
Consumer Products