

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Sunrise energy Co., Ltd.

No.20 Tongzi River West Road, Zhonglou Development Zone
Changzhou Jiangsu, 213023
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" Poly-crystalline Silicon Solar Cells



Tested according to: IEC 61215-1:2016;
IEC 61215-1-1:2016;
IEC 61215-2:2016;
IEC 61730-1:2016;
IEC 61730-2:2016.

Registered No.: 44 780 18 406749 - 250
Manufacturer: see Annex 1
Test Report No.: 492011100.001
File No.: SHV11068/17-02

Valid from: 2018-08-13
Valid until: 2023-08-12



Essen, 2018-08-13

TÜV NORD CERT GmbH
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 18 406749 - 250

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Aktenzeichen: / File reference: SHV11068/17-02

2018-08-13

Manufacturer:

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Sunrise energy Co., Ltd.

No.20 Tongzi River West Road, Zhonglou Development Zone
Changzhou Jiangsu, 213023 P.R.China

Factory inspection report no.:

862010400.001

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:	PV Modules with 6" Poly-crystalline Silicon Solar Cells: 72 cells: SR-P672xxx (xxx = 315-330, in increment of 5) 60 cells: SR-P660xxx (xxx = 265-275, in increment of 5)
Maximum system voltage:	1000V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load:	2400Pa downward and 1600Pa upward
Safety factors:	1.5
Fire safety class:	Class C

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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Changzhou Jiangsu, 213023
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: IEC 61215-1:2016;
IEC 61215-1-1:2016;
IEC 61215-2:2016;
IEC 61730-1:2016;
IEC 61730-2:2016.

Registered No.: 44 780 18 406749 - 249

Manufacturer: see Annex 1

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Manufacturer: **Sunrise energy Co., Ltd.**
No.20 Tongzi River West Road, Zhonglou Development Zone
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Consumer Products

Description of product(s):

Module types:	PV Modules with 6" Mono-crystalline Silicon Solar Cells: 72 cells: SR-M672xxx (xxx = 320-360, in increment of 5) 60 cells: SR-M660xxx (xxx = 265-300, in increment of 5)
Maximum system voltage:	1000V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load:	2400Pa downward and 1600Pa upward
Safety factors:	1.5
Fire safety class:	Class C

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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