

# CERTIFICATE

**TÜV NORD CERT GmbH**

herewith declares that

**AFTOsolar Co., Ltd.**

No. 392 Ganguan Road, Anhui, PEOPLE'S REPUBLIC OF CHINA

A1 Room, 1401 ROYAL TOWER VOEUX RDC, Hong Kong, PEOPLE'S REPUBLIC OF 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" and 7" Mono-crystalline Silicon Solar Cells**

**PV Modules with 5" 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 - 326

Manufacturer: See Annex 1

Test Report No.: 492011135.001

File No.: SHV10071/18

Valid from: 2018-11-16

Valid until: 2023-09-25



TÜV NORD CERT GmbH  
Certification Body  
Consumer Products



Essen, 2018-11-16

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 18 406749 - 326

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Aktenzeichen: / File reference: SHV10071/18

2018-11-16

**Manufacturer:**

Manufacturer:

Coded by debtor no. 55382618

Factory inspection report no.:

862010374.001

**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 type:	<b>PV Modules with 5" Poly-crystalline and 6" to 7" Mono-crystalline Silicon Solar Cells:</b> 156 cells: AF-BDV156-xxxW (xxx=595~610 in increment of 5)*** 144 cells: AF-7M144-HC-xxxW (xxx=535~550 in increment of 5) 144 cells: AF-6M144-HC-xxxW (xxx=440~455 in increment of 5) 60 cells: AF-5P60-xxxW (xxx=250~265 in increment of 5) *** N-type cell
Maximum system voltage:	1000V–1500V (pertinent to model)
Fuse rating:	15A–30A (pertinent to model)
Electrical protection class:	Class II
Pollution degree:	1
Material group:	Illa
Design load:	5400Pa / 2400Pa (downward / 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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