

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Zhejiang Austa Green Energy Technology Co., Ltd.
Floor 1, Building 7, No.136, Haichuan Road, Jiangbei Area
Ningbo City, Zhejiang Province
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2023-03-21

Valid until: 2028-03-20

| | |
|-------------------------------|---|
| Certification program: | P12-VA-01 Rev. 17 09.20 |
| Certification fundamental(s): | 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 23 406749 - 066 |
| Manufacturer: | see Annex 1 |
| Test Report No.: | 492012341.001 |
| File No.: | PVP11016/22P-06 |



Essen, 2023-03-21

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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 23 406749 - 066

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Aktenzeichen: / File reference: PVP11016/22P-06

2023-03-21

Manufacturer:

Manufacturer: **Ningbo Osda Solar Co., Ltd.**
1-1, No.136, Haichuan Road, Jiangbei Area
Ningbo City, Zhejiang Province, P.R.China

Factory inspection report no.: 862010428.004

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: | Double Glass PV Modules with Half-cut 210mm TOPCon Mono-crystalline Silicon Solar Cells: 132 cells: AUxxx-33V-MHD (xxx=670-705, in increment of 5) 120 cells: AUxxx-30V-MHD (xxx=610-640, in increment of 5) 110 cells: AUxxx-28V-MHD (xxx=560-585, in increment of 5) 100 cells: AUxxx-25V-MHD (xxx=510-535, in increment of 5) Remark: xxx indicates output power from the front side only. |
| Maximum system voltage: | 1500V |
| Fuse rating: | 30A |
| 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) |
| Module types: | Double Glass PV Modules with Half-cut 182mm TOPCon Mono-crystalline Silicon Solar Cells: 156 cells: AUxxx-39V-MHD (xxx=590-625, in increment of 5) 144 cells: AUxxx-36V-MHD (xxx=550-575, in increment of 5) 132 cells: AUxxx-33V-MHD (xxx=500-525, in increment of 5) 120 cells: AUxxx-30V-MHD (xxx=460-480, in increment of 5) 108 cells: AUxxx-27V-MHD (xxx=410-430, in increment of 5) Remark: xxx indicates output power from the front side only. |
| Maximum system voltage: | 1500V |
| Fuse rating: | 30A |
| 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.



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