

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Tangshan Haitai New Energy Technology Co., Ltd.
Yutai Industrial Zone, Yutian, Tangshan City
Hebei Province, 064100
P.R. China

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

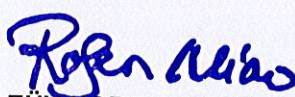


Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 61701:2011 / EN 61701:2012 Severity 6.
Registered No.:	44 780 20 406749 - 124R1M1
Manufacturer:	see Annex 1
Test Report No.:	492011449.002
File No.:	PVP06040/21P-01

Valid until: 2025-07-16


TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2021-10-21

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 20 406749 - 124R1M1

Seite / Page 1 von / of 1

Aktenzeichen: / File reference: PVP06040/21P-01

2021-10-21

Manufacturer:

Manufacturer 1: **Tangshan Haitai New Energy Technology Co., Ltd.**
Yutai Industrial Zone, Yutian, Tangshan City
Hebei Province, 064100, P.R. China

Factory inspection report no.: 862010337.005

Manufacturer 2: **HT SOLAR VIETNAM LIMITED COMPANY**
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial Park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune, An Duong District, Haiphong city, Vietnam

Factory inspection report no.: 862010420.003

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" Mono Half-cut Solar Cells:**
144 half-cut cells: HTMxxxDMH-72 (xxx=375-395, in increments of 5)
120 half-cut cells: HTMxxxDMH-60 (xxx=315-330, in increments of 5)
144 half-cut cells: HTMxxxDMH2-72 (xxx=385-405, in increments of 5)
120 half-cut cells: HTMxxxDMH2-60 (xxx=320-335, in increments of 5)
144 half-cut cells: HTMxxxDMH3-72 (xxx=425-470, in increments of 5)
120 half-cut cells: HTMxxxDMH3-60 (xxx=355-390, in increments of 5)

Maximum system voltage: 1500V or 1000V
Fuse rating: 20A
Application class: Class A
Electrical protection class: Class II

Module types: **Double Glass PV Modules with 7" Mono Half-cut Solar Cells:**
144 half-cut cells: HTMxxxDMH5-72 (xxx=525-555, in increments of 5)
120 half-cut cells: HTMxxxDMH5-60 (xxx=440-460, in increments of 5)

Maximum system voltage: 1500V or 1000V
Fuse rating: 20A
Application class: Class A
Electrical protection class: Class II

Module types: **Double Glass PV Modules with 8" Mono 1/3-cut Solar Cells:**
150 1/3-cut cells: HTMxxxDMT8-50 (xxx=485-510, in increments of 5)
120 1/3-cut cells: HTMxxxDMT8-40 (xxx=390-405, in increments of 5)

Maximum system voltage: 1500V or 1000V
Fuse rating: 20A
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.