



TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District Beijing 100102, P.R. China

Tangshan Haitai New Energy Technology Co., Ltd.

Your reference/letter of

Our reference/name

Tel. extension/e-mail

Fax extension

Date

Page

882162004501

Ms. Luo Xinlian

+86 10 65906186 Xinlian.Luo@tuv-sud.cn +861065906182

18 May 2020

1/1

Subject: Your TÜV SÜD certificate

Dear Tangshan Haitai New Energy Technology Co., Ltd.

We are pleased to send you your below listed certificate(s), which entitle you to label your certified product(s) with the respective certification mark as applicable.

Certificate No.

Product

Model

Z2 078666 0042 Rev.00

Poly-crystalline Silicon

Details are in the certificate

Photovoltaic (PV) Modules

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: http://www.tuv-sud.cn/cn-en/terms-and-conditions
- If the products listed on the certificate will be exported to European Market, the name of the
 certificate holder and the name and address of the importer or authorized representative based
 within the European Economic Area must be clearly printed on the product and in the user manual,
 or where that is not possible, on the packaging and user manual.
- To ensure that the validity of the certificate is not jeopardized, please inform us about any change in your production or of the product itself (this also includes changes to the user manual or rating label)
- The annual license fee will be 10 units. If you want to stop the renewal of the above listed certificate(s) for the following year, please inform TÜV SÜD in writing by November 15 of the current year. If not received on time, the annual fee of the following year is to be paid and the cancellation will be done the year after.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely, TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch Zheng Weirui, Assistant SMN

HSBC Bank (China) Company Limited, Beijing Branch

Account No. (RMB): 626-228472-011 Account No. (USD): 006-228472-055 Account No. (EUR): 006-228472-056 SWIFT Code: HSBCCNSHBJG

Managing Director of North Region: Mr. Zhu Wencai Telephone: +86 10 6590 6186
Telefax: +86 10 6590 6182
www.tuv-sud.cn

TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch TÜV SÜD Group M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District Beijing 100102





CERTIFICATE

No. Z2 078666 0042 Rev. 00

Tangshan Haitai New Energy Holder of Certificate:

Technology Co., Ltd.

No. 88 Haomen road, Yutian County 064100 Tangshan City, Hebei Province PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Crystalline Silicon Terrestrial Photovoltaic Product:

(PV) Modules

Poly-crystalline Silicon Photovoltaic (PV)

Modules

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 882162004501

2025-05-12 Valid until:

(Xinlian LUO) Date. 2020-05-15

ш

CERTIFICATE

No. Z2 078666 0042 Rev. 00

Model(s):

1000V DC modules:

HTMxxxPA-72(xxx=315-355, in steps of 5)

HTMxxxPA-60(xxx=265-295, in steps of 5)

HTMxxxPA-54(xxx=240-265, in steps of 5)

1000V DC half-cell modules:

HTMxxxPH-72(xxx=325-350, in steps of 5)

HTMxxxPH-60(xxx=270-290, in steps of 5)

HTMxxxPH-54(xxx=245-260, in steps of 5)

1000V DC 1/3 cut cell modules:

HTM-TSB-xxxP1(xxx=360-390, in steps of 5)

HTM-TSA-xxxP1(xxx=300-320, in steps of 5)

HTM-NHN-xxxP(xxx=360-390, in steps of 5)

HTM-NHN-xxxP(xxx=300-320, in steps of 5)

1500V DC modules:

HTMxxxPA-72(1500)(xxx=320-355, in steps of 5)

HTMxxxPA-60(1500)(xxx=270-295, in steps of 5)

HTMxxxPA-54(1500)(xxx=240-265, in steps of 5)

1500V DC half-cell modules:

HTMxxxPH-72(1500)(xxx=325-350, in steps of 5)

HTMxxxPH-60(1500)(xxx=270-290, in steps of 5)

HTMxxxPH-54(1500)(xxx=245-260, in steps of 5)

1500V DC 1/3 cut cell modules:

HTM-TSB-xxxP1(1500)(xxx=360-390, in steps of 5)

HTM-TSA-xxxP1(1500)(xxx=300-320, in steps of 5)

HTM-NHN-xxxP(1500)(xxx=360-390, in steps of 5)

HTM-NHN-xxxP(1500)(xxx=300-320, in steps of 5)

xxx is standing for rated output power at STC

Parameters:

Safety Class: Class II

Max. System Voltage: 1000V DC or 1500 V DC Fire Safety Class: Class C according to UL790

Severity of salt mist test: Level 6

Construction: Framed, with Junction box, cable and connector

Production Facilities:

1. Tangshan Haitai New Energy Technology Co., Ltd.

No.88 Haomen road, Yutian County, 064100, Tangshan City, Hebei, Province, China

Production Facility Number: 078666

2. HT SOLAR VIETNAM COMPANY LIMITED

Factory F3-1 and F3-2, Lot F3, Trang Due IP, A part of Dinh Vu-Cat Hai EZ,

Hong phong commune, An Duong District, Haiphong City, Vietnam

Production Facility Number: 097323





CERTIFICATE

No. Z2 078666 0042 Rev. 00

Tested according to: IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016 IEC 61701:2011

Production Facility(ies): 078666, 097323

IEC 62716:2013

