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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
882161809606	Ms. Luo Xinlian	+86 10 65906186 Xinlian.Luo@tuv-sud.cn	+861065906182	24 July 2019	1

Subject: Your Attestation of conformity

Dear Tangshan Haitai New Energy Technology Co., Ltd.
We are pleased to send you your below listed certificate(s) of conformity.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
N8A 078666 0037 Rev.02	Poly-crystalline Silicon Photovoltaic (PV) Modules	Details are in the certificate

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.

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

GCN_TPS_F_00.01 - Rev. 0

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TÜV SÜD Group
M Building, No. 7 Wangjing Zhonghuan Nanlu,
Chaoyang District
Beijing 100102



Product Service

Attestation of Conformity

No. N8A 078666 0037 Rev. 02

Holder of Certificate: **Tangshan Haitai New Energy Technology Co., Ltd.**
No. 88 Haomen road, Yutian County
064100 Tangshan City, Hebei Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Poly-crystalline Silicon Photovoltaic (PV) Modules

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance.

It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 882161809606

Date, 2019-07-24



(Xinlian LUO)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Product Service

Attestation of Conformity

No. N8A 078666 0037 Rev. 02

Model(s):

1000V DC modules:

HTM315PA-72, HTM320PA-72, HTM325PA-72
 HTM330PA-72, HTM335PA-72, HTM340PA-72
 HTM345PA-72, HTM350PA-72, HTM355PA-72
 HTM265PA-60, HTM270PA-60, HTM275PA-60
 HTM280PA-60, HTM285PA-60, HTM290PA-60
 HTM295PA-60, HTM240PA-54, HTM245PA-54
 HTM250PA-54, HTM255PA-54, HTM260PA-54
 HTM265PA-54

1000V DC half-cell modules:

HTM325PH-72, HTM330PH-72, HTM335PH-72
 HTM340PH-72, HTM345PH-72, HTM350PH-72
 HTM270PH-60, HTM275PH-60, HTM280PH-60
 HTM285PH-60, HTM290PH-60, HTM245PH-54
 HTM250PH-54, HTM255PH-54, HTM260PH-54

1000V DC 1/3 cut cell modules:

HTM-TSB-360P1, HTM-TSB-365P1, HTM-TSB-370P1
 HTM-TSB-375P1, HTM-TSB-380P1, HTM-TSB-385P1
 HTM-TSB-390P1, HTM-TSA-300P1, HTM-TSA-305P1
 HTM-TSA-310P1, HTM-TSA-315P1, HTM-TSA-320P1
 HTM-NHN-360P, HTM-NHN-365P, HTM-NHN-370P
 HTM-NHN-375P, HTM-NHN-380P, HTM-NHN-385P
 HTM-NHN-390P, HTM-NHN-300P, HTM-NHN-305P
 HTM-NHN-310P, HTM-NHN-315P, HTM-NHN-320P

1500V DC modules:

HTM320PA-72(1500), HTM325PA-72(1500)
 HTM330PA-72(1500), HTM335PA-72(1500)
 HTM340PA-72(1500), HTM345PA-72(1500)
 HTM350PA-72(1500), HTM355PA-72(1500)
 HTM270PA-60(1500), HTM275PA-60(1500)
 HTM280PA-60(1500), HTM285PA-60(1500)
 HTM290PA-60(1500), HTM295PA-60(1500)
 HTM240PA-54(1500), HTM245PA-54(1500)
 HTM250PA-54(1500), HTM255PA-54(1500)
 HTM260PA-54(1500), HTM265PA-54(1500)

1500V DC half-cell modules:

HTM325PH-72(1500), HTM330PH-72(1500)
 HTM335PH-72(1500), HTM340PH-72(1500)
 HTM345PH-72(1500), HTM350PH-72(1500)
 HTM270PH-60(1500), HTM275PH-60(1500)
 HTM280PH-60(1500), HTM285PH-60(1500)
 HTM290PH-60(1500), HTM245PH-54(1500)
 HTM250PH-54(1500), HTM255PH-54(1500)
 HTM260PH-54(1500)

1500V DC 1/3 cut cell modules:

HTM-TSB-360P1(1500), HTM-TSB-365P1(1500)
 HTM-TSB-370P1(1500), HTM-TSB-375P1(1500)

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A4 / 07-17



Product Service

Attestation of Conformity

No. N8A 078666 0037 Rev. 02

HTM-TSB-380P1(1500), HTM-TSB-385P1(1500)
 HTM-TSB-390P1(1500), HTM-TSA-300P1(1500)
 HTM-TSA-305P1(1500), HTM-TSA-310P1(1500)
 HTM-TSA-315P1(1500), HTM-TSA-320P1(1500)
 HTM-NHN-360P(1500), HTM-NHN-365P(1500)
 HTM-NHN-370P(1500), HTM-NHN-375P(1500)
 HTM-NHN-380P(1500), HTM-NHN-385P(1500)
 HTM-NHN-390P(1500), HTM-NHN-300P(1500)
 HTM-NHN-305P(1500), HTM-NHN-310P(1500)
 HTM-NHN-315P(1500), HTM-NHN-320P(1500)

Parameters:

Rated Output Power at STC:

1000V DC modules:

315W, 320W, 325W, 330W, 335W, 340W, 345W, 350W, 355W
 265W, 270W, 275W, 280W, 285W, 290W, 295W
 240W, 245W, 250W, 255W, 260W, 265W

1000V DC half-cell modules:

325W, 330W, 335W, 340W, 345W, 350W
 270W, 275W, 280W, 285W, 290W
 245W, 250W, 255W, 260W

1000V DC 1/3 cut cell modules:

360W, 365W, 370W, 375W, 380W, 385W, 390W
 300W, 305W, 310W, 315W, 320W
 360W, 365W, 370W, 375W, 380W, 385W, 390W
 300W, 305W, 310W, 315W, 320W

1500V DC modules:

320W, 325W, 330W, 335W, 340W, 345W, 350W, 355W
 270W, 275W, 280W, 285W, 290W, 295W
 240W, 245W, 250W, 255W, 260W, 265W

1500V DC half-cell modules:

325W, 330W, 335W, 340W, 345W, 350W
 270W, 275W, 280W, 285W, 290W
 245W, 250W, 255W, 260W

1500V DC 1/3 cut cell modules:

360W, 365W, 370W, 375W, 380W, 385W, 390W
 300W, 305W, 310W, 315W, 320W
 360W, 365W, 370W, 375W, 380W, 385W, 390W
 300W, 305W, 310W, 315W, 320W

Safety Class: Class II

Max. System Voltage: 1000V DC or 1500 V DC

Fire Safety Class: Class C according to UL790.

Test Laboratory: Yangzhou Opto-electrical product testing institute.
 (10 Kaifa West Rd., Yangzhou, Jiangsu, P. R. China 225009)

Construction: Framed, with Junction box, cable and connector.

Tested

according to:

EN IEC 61730-1:2018
 EN IEC 61730-2:2018
 EN IEC 61730-1:2018/AC:2018-06
 EN IEC 61730-2:2018/AC:2018-06

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