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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

Ningbo Raytech New Energy Materials Co., Ltd.

Your reference/letter of	Our reference/name	Tel. extension/e-mail	Fax extension	Date	Page
882161920701	Ms. Luo Xinlian	+86 10 65906186 Xinlian.Luo@tuv-sud.cn	+861065906182	28 April 2020	1/1

Subject: Your TÜV SÜD certificate

Dear Ningbo Raytech New Energy Materials 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.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
Z2 107768 0008 Rev.00	Mono-crystalline Silicon Photovoltaic (PV) Modules	Detailed in 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.
- 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



Product Service

CERTIFICATE

No. Z2 107768 0008 Rev. 00

Model(s):

1500VDC modules

DM72-XXXWE(XXX=325W-400W, in step of 5)
DM60-XXXWE(XXX=275W-330W, in step of 5)
DM72-XXXTE(XXX=325W-370W, in step of 5)
DM60-XXXTE(XXX=275W-305W, in step of 5)
DM36-XXXTE(XXX=165W-180W, in step of 5)
DM28-XXXTE(XXX=130W-140W, in step of 5)

1000VDC modules

DM72S-XXXWE(XXX=325W-400W, in step of 5)
DM60S-XXXWE(XXX=275W-330W, in step of 5)
DM72S-XXXTE(XXX=325W-370W, in step of 5)
DM60S-XXXTE(XXX=275W-305W, in step of 5)
DM36S-XXXTE(XXX=165W-180W, in step of 5)
DM28S-XXXTE(XXX=130W-140W, in step of 5)

1500VDC Bifacial modules

BPDM72-XXXWE(XXX=360W-380W, in step of 5)
BPDM60-XXXWE(XXX=300W-315W, in step of 5)
BPDM72-XXXTE(XXX=360W-380W, in step of 5)
BPDM60-XXXTE(XXX=300W-315W, in step of 5)

1000VDC Bifacial modules

BPDM72S-XXXWE(XXX=360W-380W, in step of 5)
BPDM60S-XXXWE(XXX=300W-315W, in step of 5)
BPDM72S-XXXTE(XXX=360W-380W, in step of 5)
BPDM60S-XXXTE(XXX=300W-315W, in step of 5)

XXX is standing for rated output power at STC

Parameters:

Construction: Frameless, with Junction box, Cable and Connectors

Test Laboratory: Yangzhou Opto-electrical product testing institute

(10 Kaifa West Rd., Yangzhou, Jiangsu, P. R. China 225009)

Safety Class: Class II

Maximum System Voltage: 1000VDC or 1500VDC

Fire Safety Class: Class C or Class A according to UL790

Tested

according to:

IEC 61215-1(ed.1)
IEC 61215-1-1(ed.1)
IEC 61215-2(ed.1)
IEC 61730-1(ed.2)
IEC 61730-2(ed.2)
EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
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

Production Facility(ies):

107768