



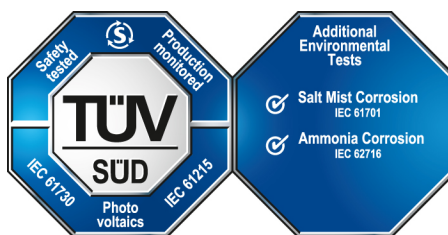
Product Service

CERTIFICATE

No. Z2 108394 0013 Rev. 00

Holder of Certificate: **Zigong Xingchuan Photoelectric Co., Ltd.**
No.19 East Ring Road, Bancang Industrial Park
Yantan District
643030 Zigong City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-Crystalline Silicon Photovoltaic Module

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 701262215602-00

Valid until: 2026-07-13

Date, 2022-09-09

(Zhulin Zhang)

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Model(s):

1000V DC modules:

ZPMxxxMA-72, xxx=330 to 385, in step of 5

ZPMxxxMA-60, xxx=275 to 320, in step of 5

ZPMxxxMA-54, xxx=250 to 285, in step of 5

1000V DC half-cell modules:

ZPMxxxMH-60, xxx=285 to 325, in step of 5

ZPMxxxMH-72, xxx=340 to 390, in step of 5

ZPMxxxMH-54, xxx=255-290, in steps of 5

ZPMxxxMH2-72, xxx=390-425, in steps of 5

ZPMxxxMH2-60, xxx=325-350, in steps of 5

ZPMxxxMH3-72, xxx=415-460, in steps of 5

ZPMxxxMH3-60, xxx=345-380, in steps of 5

ZPMxxxMH5-72, xxx=520-555, in steps of 5

ZPMxxxMH5-66, xxx=480-505, in steps of 5

ZPMxxxMH5-60, xxx=435-460, in steps of 5

ZPMxxxMH5-54, xxx=390-415, in steps of 5

ZPMxxxMH8-66, xxx=635-670, in steps of 5

ZPMxxxMH8-60, xxx=580-605, in steps of 5

1000V DC 1/3 cut cell modules:

ZPMxxxMT8-50, xxx=480-510, in steps of 5

ZPMxxxMT8-40, xxx=385-405, in steps of 5

1500V DC modules:

ZPMxxxMA-72(1500), xxx=340-385, in steps of 5

ZPMxxxMA-60(1500), xxx=285-320, in steps of 5

ZPMxxxMA-54(1500), xxx=255-285, in steps of 5

1500V DC half-cell modules:

ZPMxxxMH-72(1500), xxx=340-390, in steps of 5

ZPMxxxMH-60(1500), xxx=285-325, in steps of 5

ZPMxxxMH-54(1500), xxx=255-290, in steps of 5

ZPMxxxMH2-72(1500), xxx=390-425, in steps of 5

ZPMxxxMH2-60(1500), xxx=325-350, in steps of 5

ZPMxxxMH3-72(1500), xxx=415-460, in steps of 5

ZPMxxxMH3-60(1500), xxx=345-380, in steps of 5

ZPMxxxMH5-72(1500), xxx=520-555, in steps of 5

ZPMxxxMH5-66(1500), xxx=480-505, in steps of 5

ZPMxxxMH5-60(1500), xxx=435-460, in steps of 5

ZPMxxxMH5-54(1500), xxx=390-415, in steps of 5

ZPMxxxMH8-66(1500), xxx=635-670, in steps of 5

ZPMxxxMH8-60(1500), xxx=580-605, in steps of 5

1500V DC 1/3 cut cell modules:

ZPMxxxMT8-50(1500), xxx=480-510, in steps of 5

ZPMxxxMT8-40(1500), xxx=385-405, in steps of 5

xxx is standing for rated output power at STC

Parameters:

Safety Class: Class II

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

Fire Safety Class: Class C according to UL790

Severity of salt mist test: Level 6

Construction: Framed, with Junction box, cable and connector

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Production Facilities:

1: Tangshan Haitai New Energy Technology Co.,Ltd.
No.88, Haomen Road, Yutian County, Tangshan City, Hebei Province, China
Production Facilities 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 Facilities Number:097323

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
IEC 62716:2013