



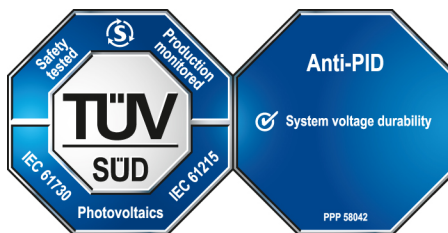
Product Service

CERTIFICATE

No. Z2 108394 0012 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 (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. 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.: 701262215601-00

Valid until: 2026-07-08

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

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

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.
Test Laboratory:	Changzhou HuaYang Inspection and Testing Technology Co.,Ltd. NO.8 Lanxiang Road, Wujin Economic Development Zone, Changzhou, Jiangsu, China
Construction:	Framed, with Junction box, cable and connector
PID test condition:	-1500V DC, 96h, 85% RH, 85°C for 1500V modules -1000V DC, 96h, 85% RH, 85°C for 1000V modules
PID testing method is according to IEC TS 62804-1:2015	

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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:

PPP 58042B:2015

IEC 61215-1:2016

IEC 61215-1-1:2016

IEC 61215-2:2016

IEC 61730-1:2016

IEC 61730-2:2016