



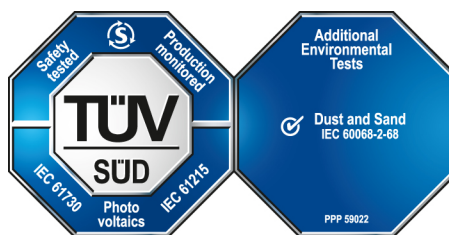
Product Service

# CERTIFICATE

No. Z2 108394 0026 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**  
**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704062238609-00

**Valid until:** 2027-10-20

**Date,** 2022-10-25

( Zhulin Zhang )

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## Model(s):

ZP-M12/132H-xxxW, ZPMxxxMH8-66(1500),  
xxx=640 to 675 in steps of 5,  
ZP-M12/120H-xxxW, ZPMxxxMH8-60(1500),  
xxx=575 to 615 in steps of 5,  
ZP-M12/110H-xxxW, xxx=520 to 560 in steps of 5,  
ZP-M12/100H-xxxW, xxx=475 to 510 in steps of 5,  
ZP-M12/80H-xxxW, xxx=375 to 410 in steps of 5,  
ZP-M10/144H-xxxW, ZPMxxxMH5-72(1500),  
xxx=520 to 555 in steps of 5,  
ZP-M10/120H-xxxW, ZPMxxxMH5-60(1500),  
xxx=430 to 465 in steps of 5,  
ZP-M10/108H-xxxW, ZPMxxxMH5-54(1500),  
xxx=390 to 415 in steps of 5,  
xxx is standing for rated output power at STC

## Parameters:

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| Construction:              | Framed, with Junction box,<br>Cable and Connectors. |
| Safety Class:              | Class II                                            |
| Maximum System Voltage:    | 1500 V DC                                           |
| Fire Safety Class:         | Class C according to UL790                          |
| Dust and Sand Test Method: | Lc1                                                 |
| Dust/sand type:            | 95% SiO <sub>2</sub>                                |
| Dust /sand concentration:  | 5g/m <sup>3</sup>                                   |
| Testing Air Velocity:      | 20m/s                                               |
| Test Duration:             | 4h/each side                                        |

## Tested according to:

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
PPP 59022B:2021