



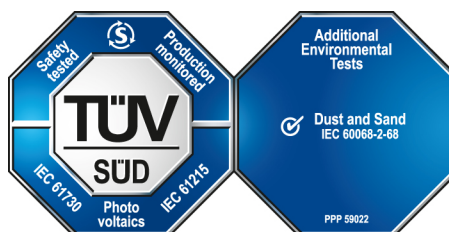
Product Service

# CERTIFICATE

No. Z2 098081 0014 Rev. 06

**Holder of Certificate:** **Jolywood (Taizhou) Solar Technology Co., Ltd.**  
Kaiyang Rd.Jiangyan Economic Development Zone  
225500 Taizhou City,Jiangsu Province  
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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704062033604-06

**Valid until:** 2027-04-20

**Date,** 2022-07-13

( Zhulin Zhang )

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## Model(s):

- 1) JW-D72N-xxx, xxx= 365-410, in step of 5
  - 2) JW-D60N-xxx, xxx= 305-340, in step of 5
  - 3) JW-HD144N-xxx, xxx=390-420, in step of 5
  - 4) JW-HD120N-xxx, xxx=325-350, in step of 5
  - 5) JW-HD144P-xxx, xxx=390-415, in step of 5
  - 6) JW-HD120P-xxx, xxx=325-345, in step of 5
  - 7) JW-HD156N-xxx, xxx=425-455, in step of 5
  - 8) JW-HD156P-xxx, xxx=425-445, in step of 5
  - 9) JW-HD144N-xxx, xxx=430-470, in step of 5
  - 10) JW-HD120N-xxx, xxx=360-390, in step of 5
  - 11) JW-HD144P-xxx, xxx=430-450, in step of 5
  - 12) JW-HD120P-xxx, xxx=360-375, in step of 5
  - 13) JW-HD144N-xxx, xxx=525-585, in step of 5
  - 14) JW-HD120N-xxx, xxx=435-485, in step of 5
  - 15) JW-HD144P-xxx, xxx=525-555, in step of 5
  - 16) JW-HD120P-xxx, xxx=435-460, in step of 5
  - 17) JW-HD132N-xxx, xxx=485-535, in step of 5
  - 18) JW-HD108N-xxx, xxx=395-435, in step of 5
  - 19) JW-HD132P-xxx, xxx=485-505, in step of 5
  - 20) JW-HD108P-xxx, xxx=395-415, in step of 5
  - 21) JW-HD120P-xxx, xxx=580-610, in step of 5
  - 22) JW-HD120N-xxx, xxx=580-620, in step of 5
  - 23) JW-HD156N-xxx, xxx=580-630, in step of 5
  - 24) JW-HD132N-xxx, xxx=655-680, in step of 5
- xxx stands for rated output power at STC

## Parameters:

Construction:	Framed with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class A or Class C according to UL790
Dust and Sand Test Method:	IEC 60068-2-68, 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