



Product Service

# CERTIFICATE

No. Z2 098081 0020 Rev. 07

**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, Certification, Validation and Verification 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.:** 704062423204-07

**Valid until:** 2030-12-04

**Date,** 2025-12-05

( Zhulin Zhang )

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## Model(s):

JW-HD156N-xxx, JW-HD156N-xxxS (xxx=610-635, in steps of 5)  
JW-HD144N-xxx, JW-HD144N-xxxS (xxx=545-590, in steps of 5)  
JW-HD108N-xxx, JW-HD108N-xxxS (xxx=415-445, in steps of 5)  
JW-HD156N-R0-xxx, JW-HD156N-R0-xxxS (xxx=610-660, in steps of 5)  
JW-HD144N-R0-xxx, JW-HD144N-R0-xxxS (xxx=570-610, in steps of 5)  
JW-HD108N-R0-xxx, JW-HD108N-R0-xxxS (xxx=420-455, in steps of 5)  
JW-HD120N-R3-xxx, JW-HD120N-R3-xxxS (xxx=480-515, in steps of 5)  
JW-HD108N-R3-xxx, JW-HD108N-R3-xxxS (xxx=430-460, in steps of 5)  
JW-HD144N-R1-xxx, JW-HD144N-R1-xxxS (xxx=595-625, in steps of 5)  
JW-HD120N-R1-xxx, JW-HD120N-R1-xxxS (xxx=495-525, in steps of 5)  
JW-HD108N-R1-xxx, JW-HD108N-R1-xxxS (xxx=445-470, in steps of 5)  
JW-HD156N-R2-xxx, JW-HD156N-R2-xxxS (xxx=715-740, in steps of 5)  
JW-HD132N-R2-xxx, JW-HD132N-R2-xxxS (xxx=595-650, in steps of 5)  
JW-HD120N-R2-xxx, JW-HD120N-R2-xxxS (xxx=540-590, in steps of 5)  
JW-HD108N-R2-xxx, JW-HD108N-R2-xxxS (xxx=485-535, in steps of 5)  
JW-HD96N-R2-xxx, JW-HD96N-R2-xxxS (xxx=430-470, in steps of 5)  
JW-HD132N-xxx, JW-HD132N-xxxS (xxx=685-740, in steps of 5)  
JW-HD120N-xxx, JW-HD120N-xxxS (xxx=625-670, in steps of 5)  
JW-HD156P-xxx, JW-HD156P-xxxS (xxx=580-605, in steps of 5)  
JW-HD144P-xxx, JW-HD144P-xxxS (xxx=525-555, in steps of 5)  
JW-HD108P-xxx, JW-HD108P-xxxS (xxx=395-415, in steps of 5)  
JW-HD144N-R4-xxx, JW-HD144N-R4-xxxS (xxx=610-640, in steps of 5)  
JW-HD156J-R0-xxx, JW-HD156J-R0-xxxS (xxx=660-685, in steps of 5)  
JW-HD144J-R0-xxx, JW-HD144J-R0-xxxS (xxx=610-635, in steps of 5)  
JW-HD132J-R2-xxx, JW-HD132J-R2-xxxS (xxx=640-665, in steps of 5)  
JW-HD108J-R2-xxx, JW-HD108J-R2-xxxS (xxx=520-545, in steps of 5)  
JW-HD96J-R2-xxx, JW-HD96J-R2-xxxS (xxx=460-485, in steps of 5)  
JW-HD108J-R3-xxx, JW-HD108J-R3-xxxS (xxx=460-485, in steps of 5)  
JW-HT156N-xxx, JW-HT156N-xxxS (xxx=610-635, in steps of 5)  
JW-HT144N-xxx, JW-HT144N-xxxS (xxx=545-590, in steps of 5)  
JW-HT108N-xxx, JW-HT108N-xxxS (xxx=415-445, in steps of 5)  
JW-HT156N-R0-xxx, JW-HT156N-R0-xxxS (xxx=615-660, in steps of 5)  
JW-HT144N-R0-xxx, JW-HT144N-R0-xxxS (xxx=570-610, in steps of 5)  
JW-HT108N-R0-xxx, JW-HT108N-R0-xxxS (xxx=420-455, in steps of 5)  
JW-HT120N-R3-xxx, JW-HT120N-R3-xxxS (xxx=480-510, in steps of 5)  
JW-HT108N-R3-xxx, JW-HT108N-R3-xxxS (xxx=430-460, in steps of 5)  
JW-HT144N-R1-xxx, JW-HT144N-R1-xxxS (xxx=595-625, in steps of 5)  
JW-HT120N-R1-xxx, JW-HT120N-R1-xxxS (xxx=495-520, in steps of 5)  
JW-HT108N-R1-xxx, JW-HT108N-R1-xxxS (xxx=445-470, in steps of 5)  
JW-HT156N-R2-xxx, JW-HT156N-R2-xxxS (xxx=715-740, in steps of 5)  
JW-HT132N-R2-xxx, JW-HT132N-R2-xxxS (xxx=595-645, in steps of 5)  
JW-HT120N-R2-xxx, JW-HT120N-R2-xxxS (xxx=540-585, in steps of 5)  
JW-HT108N-R2-xxx, JW-HT108N-R2-xxxS (xxx=485-525, in steps of 5)  
JW-HT96N-R2-xxx, JW-HT96N-R2-xxxS (xxx=430-470, in steps of 5)  
JW-HT156P-xxx, JW-HT156P-xxxS (xxx=580-605, in steps of 5)  
JW-HT144P-xxx, JW-HT144P-xxxS (xxx=525-555, in steps of 5)  
JW-HT108P-xxx, JW-HT108P-xxxS (xxx=395-415, in steps of 5)  
JW-HT156J-R0-xxx, JW-HT156J-R0-xxxS (xxx=660-685, in steps of 5)  
JW-HT144J-R0-xxx, JW-HT144J-R0-xxxS (xxx=610-635, in steps of 5)  
JW-HT132J-R2-xxx, JW-HT132J-R2-xxxS (xxx=640-665, in steps of 5)  
JW-HT108J-R2-xxx, JW-HT108J-R2-xxxS (xxx=520-545, in steps of 5)  
JW-HT96J-R2-xxx, JW-HT96J-R2-xxxS (xxx=460-485, in steps of 5)  
JW-HT108J-R3-xxx, JW-HT108J-R3-xxxS (xxx=460-485, in steps of 5)



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JW-HT132N-xxx, JW-HT132N-xxxS (xxx=685-730, in steps of 5)  
 JW-HT120N-xxx, JW-HT120N-xxxS (xxx=625-660, in steps 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 C or Class A according to UL 790
Test Laboratory:	Changzhou HuaYang Inspection and Testing Technology Co., Ltd. B Area on 1/F., Building 12, C Area on 4/F., and A Area on 1/F., Building 10, No. 8, Lanxiang Road, West Taihu Science and Technology Industrial Park, Changzhou, Jiangsu, China.

## Factories:

Jolywood (Taizhou) Solar Technology Co., Ltd.  
 Kaiyang Rd. Jiangyan Economic Development Zone, Taizhou City, Jiangsu Province, 225500, P.R. China

MASDAR FACTORY COMPANY FOR MANUFACTURING SOLAR PANELS LLC  
 3283, Industrial City, 47343 Tabuk, SAUDI ARABIA

## Tested according to:

IEC 61215-1:2021  
 IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 IEC 61730-1:2023  
 IEC 61730-2:2023