



Product Service

# CERTIFICATE

No. Z2 119897 0007 Rev. 00

**Holder of Certificate:** **Hanersun Energy Co., Ltd.**  
10F, B4 Block, No.19 Suyuan Avenue  
Jiangning District  
211100 Nanjing  
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.:** 704062424504-00

**Valid until:** 2029-06-27

**Date,** 2024-06-28

( Zhulin Zhang )



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## Model(s):

HN21N-66HTxxxW, xxx=670-705 in steps of 5  
 HN21N-60HTxxxW, xxx=610-640 in steps of 5  
 HN21RN-66HTxxxW, xxx=600-630 in steps of 5  
 HN21RN-48HTxxxW, xxx=430-455 in steps of 5  
 HN19RN-72HTxxxW, xxx=600-630 in steps of 5  
 HN19RN-60HTxxxW, xxx=500-525 in steps of 5  
 HN18N-78HTxxxW, xxx=615-645 in steps of 5  
 HN18N-72HTxxxW, xxx=570-595 in steps of 5  
 HN18N-66HTxxxW, xxx=520-545 in steps of 5  
 HN18N-60HTxxxW, xxx=475-495 in steps of 5  
 HN18N-54HTxxxW, xxx=425-445 in steps of 5  
 HN18N-32HTxxxW, xxx=250-265 in steps of 5  
 HN18N-16HTxxxW, xxx=125-130 in steps of 5  
 xxx is standing 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 according to UL790  
 Test method of Salt mist: method 6

## Tested according to:

IEC 61215-1:2021  
 IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 IEC 61730-1:2023  
 IEC 61730-2:2023  
 IEC 61701:2020