



Product Service

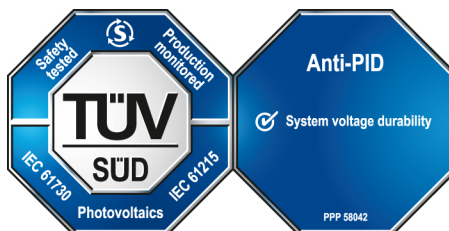
# CERTIFICATE

No. Z2 103237 0005 Rev. 04

**Holder of Certificate:** **Hanersun Technology 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 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.:** 704062010403-04

**Valid until:** 2028-04-13

**Date,** 2023-04-14

( David Bo )



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## Model(s):

HN17-72HxxxW, xxx=420-450 in step of 5  
HN17-60HxxxW, xxx=355-375 in step of 5  
HN16-72HxxxW, xxx=385-415 in step of 5  
HN16-60HxxxW, xxx=325-345 in step of 5  
HN18-72HxxxW, xxx=520-580 in step of 5  
HN18-66HxxxW, xxx=480-530 in step of 5  
HN18-60HxxxW, xxx=460-485 in step of 5  
HN18-54HxxxW, xxx=415-435 in step of 5  
HN18-72HBxxxW, xxx=520-565 in step of 5  
HN18-66HBxxxW, xxx=480-515 in step of 5  
HN18-60HBxxxW, xxx=450-470 in step of 5  
HN18-54HBxxxW, xxx=405-420 in step of 5  
HN21-66HxxxW, xxx=670-690 in step of 5  
HN21-60HxxxW, xxx=610-625 in step of 5  
HN21-55HxxxW, xxx=560-575 in step of 5  
HN21-50HxxxW, xxx=505-520 in step of 5  
HN21-66HBxxxW, xxx=660-680 in step of 5  
HN21-60HBxxxW, xxx=600-620 in step of 5  
HN21-55HBxxxW, xxx=550-565 in step of 5  
HN21-50HBxxxW, xxx=500-515 in step of 5  
xxx is standing for rated output power at STC

## Parameters:

Safety Class:	Class II
Max. system voltage:	1500V DC
Construction:	Framed, with Junction box, cable and connector.
Fire Safety Class:	Class C according to UL790.
PID Test Condition:	-1500V, 96 h, 85 % RH, 85°C
PID testing method is according to IEC TS 62804-1:2015	

## 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