



Product Service

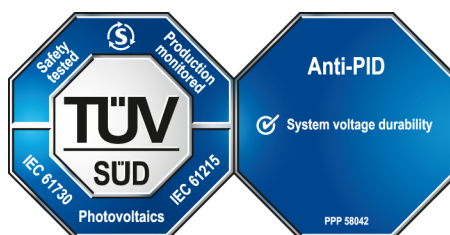
CERTIFICATE

No. Z2 103237 0005 Rev. 05

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

Test report no.: 704062010403-05

Valid until: 2028-07-02

Date, 2023-07-05

(Zhulin Zhang)

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Model(s):

HN17-72HxxxW, xxx=420-460 in step of 5
HN17-60HxxxW, xxx=355-385 in step of 5
HN16-72HxxxW, xxx=385-415 in step of 5
HN16-60HxxxW, xxx=325-345 in step of 5
HN17-72HBxxxW, xxx=410-455 in step of 5
HN17-60HBxxxW, xxx=340-380 in step of 5
HN16-72HBxxxW, xxx=375-405 in step of 5
HN16-60HBxxxW, xxx=315-335 in step of 5
HN18-72HxxxW, xxx=520-555 in step of 5
HN18-66HxxxW, xxx=480-510 in step of 5
HN18-60HxxxW, xxx=435-460 in step of 5
HN18-54HxxxW, xxx=390-415 in step of 5
HN18-42HxxxW, xxx=305-325 in step of 5
HN18-36HxxxW, xxx=260-275 in step of 5
HN18-32HxxxW, xxx=230-245 in step of 5
HN18N-72HxxxW, xxx=555-585 in step of 5
HN18N-66HxxxW, xxx=510-535 in step of 5
HN18N-60HxxxW, xxx=460-490 in step of 5
HN18N-54HxxxW, xxx=415-440 in step of 5
HN18N-42HxxxW, xxx=325-345 in step of 5
HN18N-36HxxxW, xxx=275-295 in step of 5
HN18N-32HxxxW, xxx=245-260 in step of 5
HN18-72HBxxxW, xxx=520-545 in step of 5
HN18-66HBxxxW, xxx=480-500 in step of 5
HN18-60HBxxxW, xxx=435-455 in step of 5
HN18-54HBxxxW, xxx=390-405 in step of 5
HN18-42HBxxxW, xxx=305-320 in step of 5
HN18-36HBxxxW, xxx=260-270 in step of 5
HN18-32HBxxxW, xxx=230-240 in step of 5
HN18N-72HBxxxW, xxx=540-580 in step of 5
HN18N-66HBxxxW, xxx=495-530 in step of 5
HN18N-60HBxxxW, xxx=450-485 in step of 5
HN18N-54HBxxxW, xxx=405-435 in step of 5
HN18N-42HBxxxW, xxx=320-340 in step of 5
HN18N-36HBxxxW, xxx=270-290 in step of 5
HN18N-32HBxxxW, xxx=240-255 in step of 5
HN21-66HxxxW, xxx=630-670 in step of 5
HN21-60HxxxW, xxx=575-610 in step of 5
HN21-55HxxxW, xxx=525-560 in step of 5
HN21-50HxxxW, xxx=480-505 in step of 5
HN21-40HxxxW, xxx=385-405 in step of 5
HN21N-66HxxxW, xxx=670-695 in step of 5
HN21N-60HxxxW, xxx=610-630 in step of 5
HN21N-55HxxxW, xxx=560-580 in step of 5
HN21N-50HxxxW, xxx=505-525 in step of 5
HN21N-40HxxxW, xxx=405-425 in step of 5
HN21-66HBxxxW, xxx=640-660 in step of 5
HN21-60HBxxxW, xxx=580-600 in step of 5
HN21-55HBxxxW, xxx=535-550 in step of 5
HN21-50HBxxxW, xxx=485-500 in step of 5
HN21-40HBxxxW, xxx=390-400 in step of 5
HN21N-66HBxxxW, xxx=660-690 in step of 5
HN21N-60HBxxxW, xxx=600-625 in step of 5
HN21N-55HBxxxW, xxx=550-575 in step of 5
HN21N-50HBxxxW, xxx=500-520 in step of 5
HN21N-40HBxxxW, xxx=400-420 in step of 5
xxx is standing for rated output power at STC



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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