



Product Service

# CERTIFICATE

No. Z2 084700 0067 Rev. 11

**Holder of Certificate:** **Phono Solar Technology Co., Ltd**

No. 1 Xinghuo Rd.,  
Nanjing Hi-tech Zone,  
210061 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.:** 704061710105-12

**Valid until:** 2026-05-24

**Date,** 2021-05-25

( Zhulin Zhang )

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## Model(s):

### 1500 V DC system modules:

PSxxxMH-24/T, xxx = 325 to 385 in steps of 5;  
 PSxxxMH-22/W, xxx = 320 to 330 in steps of 5;  
 PSxxxMH-20/U, xxx = 275 to 320 in steps of 5;  
 PSxxxMH-18/V, xxx = 265 to 270 in steps of 5;  
 PSxxxMH-12/G, xxx = 175 to 180 in steps of 5;  
 PSxxxMH-24/TH, xxx = 360 to 390 in steps of 5;  
 PSxxxMH-20/UH, xxx = 300 to 325 in steps of 5;  
 PSxxxM1H-24/TH, xxx = 375 to 435 in steps of 5;  
 PSxxxM1H-20/UH, xxx = 310 to 360 in steps of 5;  
 PSxxxM1H-24/T, xxx = 375 to 395 in steps of 5;  
 PSxxxM1H-20/U, xxx = 315 to 330 in steps of 5;  
 PSxxxM4H-24/TH, xxx = 420 to 455 in steps of 5;  
 PSxxxM4H-22/WH, xxx = 385 to 415 in steps of 5;  
 PSxxxM4H-20/UH, xxx = 350 to 380 in steps of 5;  
 PSxxxM4H-18/VH, xxx = 315 to 345 in steps of 5;  
 PSxxxM5H-24/TH, xxx = 425 to 455 in steps of 5;  
 PSxxxM5H-22/WH, xxx = 390 to 415 in steps of 5;  
 PSxxxM5H-20/UH, xxx = 355 to 380 in steps of 5;  
 PSxxxM5H-18/VH, xxx = 315 to 340 in steps of 5;  
 PSxxxM6H-24/TH, xxx = 510 to 555 in steps of 5;  
 PSxxxM6H-22/WH, xxx = 470 to 505 in steps of 5;  
 PSxxxM6H-20/UH, xxx = 425 to 460 in steps of 5;  
 PSxxxM6H-18/VH, xxx = 385 to 415 in steps of 5;

### 1000 V DC system modules:

PSxxxM-24/T, xxx = 325 to 385 in steps of 5;  
 PSxxxM-22/W, xxx = 320 to 330 in steps of 5;  
 PSxxxM-20/U, xxx = 275 to 320 in steps of 5;  
 PSxxxM-18/V, xxx = 265 to 270 in steps of 5;  
 PSxxxM-12/G, xxx = 175 to 180 in steps of 5;  
 PSxxxM-24/TH, xxx = 360 to 390 in steps of 5;  
 PSxxxM-20/UH, xxx = 300 to 325 in steps of 5;  
 PSxxxM1-24/TH, xxx = 375 to 435 in steps of 5;  
 PSxxxM1-20/UH, xxx = 310 to 360 in steps of 5;  
 PSxxxM1-24/T, xxx = 375 to 395 in steps of 5;  
 PSxxxM1-20/U, xxx = 315 to 330 in steps of 5;  
 PSxxxM4-24/TH, xxx = 420 to 455 in steps of 5;  
 PSxxxM4-22/WH, xxx = 385 to 415 in steps of 5;  
 PSxxxM4-20/UH, xxx = 350 to 380 in steps of 5;  
 PSxxxM4-18/VH, xxx = 315 to 345 in steps of 5;  
 PSxxxM5-24/TH, xxx = 425 to 455 in steps of 5;  
 PSxxxM5-22/WH, xxx = 390 to 415 in steps of 5;  
 PSxxxM5-20/UH, xxx = 355 to 380 in steps of 5;  
 PSxxxM5-18/VH, xxx = 315 to 340 in steps of 5;  
 PSxxxM6-24/TH, xxx = 510 to 555 in steps of 5;  
 PSxxxM6-22/WH, xxx = 470 to 505 in steps of 5;  
 PSxxxM6-20/UH, xxx = 425 to 460 in steps of 5;  
 PSxxxM6-18/VH, xxx = 385 to 415 in steps of 5;  
 xxx is standing for rated output power at STC.



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## Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute No. 10 West Kaifa Road, Yangzhou 225009 Jiangsu, P. R. China
Safety Class:	Class II
Maximum System Voltage:	1500 V DC or 1000 V DC
Fire Safety Class:	Class C according to UL790

## Tested according to:

IEC 61215-1(ed.1)  
IEC 61215-1-1(ed.1)  
IEC 61215-2(ed.1)  
IEC 61730-1(ed.2)  
IEC 61730-2(ed.2)  
EN IEC 61730-1:2018  
EN IEC 61730-1:2018/AC:2018-06  
EN IEC 61730-2:2018  
EN IEC 61730-2:2018/AC:2018-06