



Product Service

# CERTIFICATE

No. Z2 084700 0069 Rev. 07

**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.:** 704061800310-07

**Valid until:** 2028-08-01

**Date,** 2023-08-02

( Zhulin Zhang )

# CERTIFICATE

No. Z2 084700 0069 Rev. 07

## Model(s):

1500 V DC system voltage:

PSxxxMGFH-20/U, xxx= 280 to 310 in steps of 5  
 PSxxxMGFH-24/TH, xxx= 365 to 390 in steps of 5  
 PSxxxMGH-24/TH, xxx= 365 to 390 in steps of 5  
 PSxxxMGFH-20/UH, xxx= 305 to 325 in steps of 5  
 PSxxxMGH-20/UH, xxx= 305 to 325 in steps of 5  
 PSxxxM5GFH-24/TH, xxx= 430 to 465 in steps of 5  
 PSxxxM5GFH-20/UH, xxx= 360 to 385 in steps of 5  
 PSxxxM8GFH-24/TH, xxx= 525 to 555 in steps of 5  
 PSxxxM8GFH-22/WH, xxx= 485 to 510 in steps of 5  
 PSxxxM8GFH-20/UH, xxx= 440 to 460 in steps of 5  
 PSxxxM8GFH-18/VH, xxx= 390 to 420 in steps of 5  
 PSxxxM8GFH-24/TNH, xxx= 535 to 595 in steps of 5  
 PSxxxM8GFH-22/WNH, xxx= 490 to 545 in steps of 5  
 PSxxxM8GFH-20/UNH, xxx= 445 to 495 in steps of 5  
 PSxxxM8GFH-18/VNH, xxx= 405 to 445 in steps of 5

1000 V DC system voltage:

PSxxxMGF-20/U, xxx= 280 to 310 in steps of 5  
 PSxxxMGF-24/TH, xxx= 365 to 390 in steps of 5  
 PSxxxMG-24/TH, xxx= 365 to 390 in steps of 5  
 PSxxxMGF-20/UH, xxx= 305 to 325 in steps of 5  
 PSxxxMG-20/UH, xxx= 305 to 325 in steps of 5  
 PSxxxM5GF-24/TH, xxx= 430 to 465 in steps of 5  
 PSxxxM5GF-20/UH, xxx= 360 to 385 in steps of 5  
 PSxxxM8GF-24/TH, xxx= 525 to 555 in steps of 5  
 PSxxxM8GF-22/WH, xxx= 485 to 510 in steps of 5  
 PSxxxM8GF-20/UH, xxx= 440 to 460 in steps of 5  
 PSxxxM8GF-18/VH, xxx= 390 to 420 in steps of 5  
 PSxxxM8GF-24/TNH, xxx= 535 to 595 in steps of 5  
 PSxxxM8GF-22/WNH, xxx= 490 to 545 in steps of 5  
 PSxxxM8GF-20/UNH, xxx= 445 to 495 in steps of 5  
 PSxxxM8GF-18/VNH, xxx= 405 to 445 in steps of 5  
 xxx is standing for rated output power at STC

## Parameters:

Construction:	Framed or frameless, 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 61215-1:2016  
 IEC 61215-1-1:2016  
 IEC 61215-2:2016  
 IEC 61730-1:2016  
 EN IEC 61730-1:2018  
 EN IEC 61730-1:2018/AC:2018-06  
 IEC 61730-2:2016  
 EN IEC 61730-2:2018  
 EN IEC 61730-2:2018/AC:2018-06