



Product Service

# CERTIFICATE

No. Z2 084700 0111 Rev. 01

**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, 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.:** 704062420301-01

**Valid until:** 2029-11-06

**Date,** 2024-11-07

( Zhulin Zhang )

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## Model(s):

### 1500 V DC system voltage:

PSxxxL8GFH-22/WNH, xxx = 590 to 630 in steps of 5  
 PSxxxL8GFH-20/UNH, xxx = 535 to 570 in steps of 5  
 PSxxxL8GFH-18/VNH, xxx = 480 to 515 in steps of 5  
 PSxxxL8GFH-16/QNH, xxx = 430 to 460 in steps of 5  
 PSxxxL7GFH-24/TNH, xxx = 600 to 610 in steps of 5  
 PSxxxL7GFH-22/WNH, xxx = 550 to 560 in steps of 5  
 PSxxxL7GFH-20/UNH, xxx = 500 to 510 in steps of 5  
 PSxxxL7GFH-18/VNH, xxx = 450 to 455 in steps of 5  
 PSxxxM8GFH-26/RNH, xxx = 610 to 640 in steps of 5  
 PSxxxM8GFH-24/TNH, xxx = 560 to 600 in steps of 5  
 PSxxxM8GFH-22/WNH, xxx = 515 to 550 in steps of 5  
 PSxxxM8GFH-20/UNH, xxx = 470 to 500 in steps of 5  
 PSxxxM8GFH-18/VNH, xxx = 425 to 450 in steps of 5  
 PSxxxM8GFH-14/DNH, xxx = 330 to 350 in steps of 5  
 PSxxxM8GFH-26/RH, xxx = 575 to 600 in steps of 5  
 PSxxxM8GFH-24/TH, xxx = 530 to 550 in steps of 5  
 PSxxxM8GFH-22/WH, xxx = 490 to 510 in steps of 5  
 PSxxxM8GFH-20/UH, xxx = 445 to 460 in steps of 5  
 PSxxxM8GFH-18/VH, xxx = 400 to 415 in steps of 5

### 1000 V DC system voltage:

PSxxxL8GF-22/WNH, xxx = 590 to 630 in steps of 5  
 PSxxxL8GF-20/UNH, xxx = 535 to 570 in steps of 5  
 PSxxxL8GF-18/VNH, xxx = 480 to 515 in steps of 5  
 PSxxxL8GF-16/QNH, xxx = 430 to 460 in steps of 5  
 PSxxxL7GF-24/TNH, xxx = 600 to 610 in steps of 5  
 PSxxxL7GF-22/WNH, xxx = 550 to 560 in steps of 5  
 PSxxxL7GF-20/UNH, xxx = 500 to 510 in steps of 5  
 PSxxxL7GF-18/VNH, xxx = 450 to 455 in steps of 5  
 PSxxxM8GF-26/RNH, xxx = 610 to 640 in steps of 5  
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 PSxxxM8GF-26/RH, xxx = 575 to 600 in steps of 5  
 PSxxxM8GF-24/TH, xxx = 530 to 550 in steps of 5  
 PSxxxM8GF-22/WH, xxx = 490 to 510 in steps of 5  
 PSxxxM8GF-20/UH, xxx = 445 to 460 in steps of 5  
 PSxxxM8GF-18/VH, xxx = 400 to 415 in steps of 5  
 xxx is standing for rated output power at STC

## 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 or Class A according to UL790



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**Tested  
according to:**

IEC 61215-1:2021  
EN IEC 61215-1:2021/AC:2021  
IEC 61215-1-1:2021  
EN IEC 61215-1-1:2021  
IEC 61215-2:2021  
EN IEC 61215-2:2021  
IEC 61730-1:2023  
IEC 61730-2:2023