



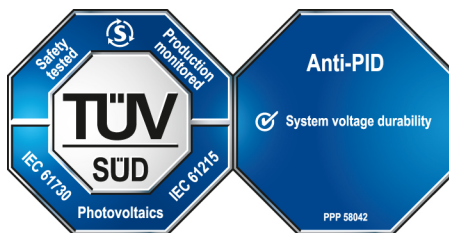
Product Service

# CERTIFICATE

No. Z2 118771 0013 Rev. 01

**Holder of Certificate:** Zhejiang Sunpro Power Technology co., Ltd  
Qinggang Technological Ind.Zone  
317606 Yuhuan, Zhejiang Province  
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.:** 704062123506-03

**Valid until:** 2029-07-24

**Date,** 2024-07-31

( Zhulin Zhang )

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE

# CERTIFICATE

No. Z2 118771 0013 Rev. 01

## Model(s):

SPDGxxx-144M10, SPDGxxxA-144M10, xxx=520-565, in steps of 5  
 SPDGxxx-132M10, SPDGxxxA-132M10, xxx=480-515, in steps of 5  
 SPDGxxx-120M10, SPDGxxxA-120M10, xxx=435-470, in steps of 5  
 SPDGxxx-108M10, SPDGxxxA-108M10, xxx=390-420, in steps of 5  
 SPDGxxx-N156M10, SPDGxxxA-N156M10, xxx=595-640, in steps of 5  
 SPDGxxx-N144M10, SPDGxxxA-N144M10, xxx=545-590, in steps of 5  
 SPDGxxx-N132M10, SPDGxxxA-N132M10, xxx=510-540, in steps of 5  
 SPDGxxx-N120M10, SPDGxxxA-N120M10, xxx=455-490, in steps of 5  
 SPDGxxx-N108M10, SPDGxxxA-N108M10, xxx=410-440, in steps of 5  
 SPDGxxx-132M12, SPDGxxxA-132M12, xxx=635-675, in steps of 5  
 SPDGxxx-120M12, SPDGxxxA-120M12, xxx=580-610, in steps of 5  
 SPDGxxx-110M12, SPDGxxxA-110M12, xxx=530-560, in steps of 5  
 SPDGxxx-N132M12, SPDGxxxA-N132M12, xxx=670-710, in steps of 5  
 SPDGxxx-N120M12, SPDGxxxA-N120M12, xxx=610-645, in steps of 5  
 SPDGxxx-N110M12, SPDGxxxA-N110M12, xxx= 560-590, in steps of 5  
 SPDGxxx-144M, SPDGxxxA-144M, xxx=410-460, in steps of 5  
 SPDGxxx-120M, SPDGxxxA-120M, xxx=340-385, in steps of 5  
 SPDGxxx-N156R10, SPDGxxxA-N156R10, xxx=610-645, in steps of 5  
 SPDGxxx-N144R10, SPDGxxxA-N144R10, xxx=565-595, in steps of 5  
 SPDGxxx-N132R10, SPDGxxxA-N132R10, xxx=520-545, in steps of 5  
 SPDGxxx-N120R10, SPDGxxxA-N120R10, xxx=470-500, in steps of 5  
 SPDGxxx-N108R10, SPDGxxxA-N108R10, xxx=420-450, in steps of 5  
 SPDGxxx-N144RL10, SPDGxxxA-N144RL10, xxx=575-610, in steps of 5  
 SPDGxxx-N132RL10, SPDGxxxA-N132RL10, xxx=530-560, in steps of 5  
 SPDGxxx-N120RL10, SPDGxxxA-N120RL10, xxx=480-510, in steps of 5  
 SPDGxxx-N108RL10, SPDGxxxA-N108RL10, xxx=430-460, in steps of 5  
 SPDGxxx-N144RX10, SPDGxxxA-N144RX10, xxx=600-640, in steps of 5  
 SPDGxxx-N132RX10, SPDGxxxA-N132RX10, xxx=550-590, in steps of 5  
 SPDGxxx-N132R12, SPDGxxxA-N132R12, xxx=575-620, in steps of 5  
 SPDGxxx-N120R12, SPDGxxxA-N120R12, xxx=525-565, in steps of 5  
 SPDGxxx-N108R12, SPDGxxxA-N108R12, xxx=470-505, in steps of 5  
 SPDGxxx-N96R12, SPDGxxxA-N96R12, xxx=420-450, in steps of 5  
 xxx is standing for rated output power at STC

## Parameters:

Construction:	Framed, double glass with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class A or Class C according to UL790
PID test condition:	± 1500 V DC, 85 °C, 85 % RH, 96h
PID testing method is according to IEC TS 62804-1:2015.	

## Tested according to:

IEC 61215-1:2021  
 IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 IEC 61730-1:2023  
 IEC 61730-2:2023  
 PPP 58042B:2015