



Product Service

# CERTIFICATE

No. B 073342 0328 Rev. 00

**Holder of Certificate:** **Sungrow Power Supply Co., Ltd.**  
No. 1699 Xiyou Road, New & High  
Technology Industrial Development Zone,  
230088 Hefei, Anhui  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** **Converter**  
**Grid-connected PV Inverter**

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.:** 704092103529-00

**Valid until:** 2026-05-30

**Date,** 2021-05-31

( Zhengdong Ma )



Product Service

# CERTIFICATE

No. B 073342 0328 Rev. 00

Model(s): **SG350HX, SG320HX**

## Parameters:

Max. Input Voltage:	d.c. 1500 V
Min. MPP voltage:	d.c. 500 V
Max. MPP voltage:	d.c. 1500 V
Max. Input current:	d.c. 30 A(for 14/15/16 MPP inputs) , d.c. 40 A(for 12 MPP inputs)
Isc PV:	d.c. 60 A
Rated Output Voltage:	a.c. 3/PE ~ 800 V
Rated Output Frequency:	50/60 Hz
Max. Continuous Output Current:	a.c. 254 A
Rated Output Power:	a.c. 320 kW@40°C, a.c. 295 kW@50°C
Max. Apparent Power:	a.c. 352 kVA
Power Factor Range:	0.8 Leading ... 0.8 Lagging
Ambient Temperature Range:	-30°C...+60°C
Protective Class:	I
Ingress Protection:	IP66
Overvoltage Category:	II(PV), III(Mains)

**Tested according to:** IEC 62109-1(ed.1)  
EN 62109-1:2010  
IEC 62109-2(ed.1)  
EN 62109-2:2011