



Product Service

Attestation of Conformity

No. E8A 073342 0352 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

Name of Object: **Converter
(PV inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772218007801

Date, 2021-10-15

(Peter Jia)

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After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): SG320HX, SG350HX

Description of Object:

Product	SG320HX	SG350HX
DC input		
Max. input voltage	d.c. 1500V	
Min.PV input voltage/Startup input voltage	d.c. 500 / d.c. 550V	
Nominal voltage	d.c.1080V	
MPP voltage rang	d.c. 500V ~ 1500V	
MPP voltage range for nominal power	d.c. 860V ~ 1300V	
Max.PV input current per MPPT	d.c. 30A	d.c. 40A
Max.DC short-circuit current	d.c. 480A(12*40A)	d.c. 720A(12*60A)
AC output		
Nominal AC output power	320kW	352kW
Rated output voltage	a.c. 3/PE AC 800V (640V-920V)	
Rated output frequency	50Hz / 60Hz	
Max. AC output current	AC 254A	
Power factor range	0.8 Lead...0.8 Lag	
General Data		
Protection class	I	
Degree of protection	IP66	
Overvoltage category	DC Type II / AC Type II	
Ambient temperature	-30°C...+60°C	

Tested according to:

EN 62920:2017
 EN 62920:2017/A11:2020
 EN 55011:2016/A1:2017
 EN 55011:2016/A11:2020
 CISPR 11:2015/A1:2016
 EN IEC 61000-6-2:2019
 IEC 61000-6-2:2016
 EN IEC 61000-6-4:2019
 IEC 61000-6-4:2018

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