

Compliance Document

No. D 073342 0353 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

Product: **Converter**
(PV inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772218007901

Date, 2021-10-15



(Peter Jia)



Product Service

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Model(s): SG320HX, SG350HX

Parameters:

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 61000-3-12:2011
 EN IEC 61000-3-11:2019
 IEC 61000-3-11:2017
 IEC 61000-3-12:2011

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