

Attestation of Conformity

No. N8A 073342 0251 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

Grid-Connected Inverter

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection 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. See also notes overleaf.

Test report no.:

704091403301-05

Date,

2018-12-20

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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. The 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):

SG2K-S, SG2K5-S, SG3K-S, SG3K-D, SG3K6-D, SG4K-D, SG4K6-D, SG5K-D, SG6K-D

Parameters:

Model	SG2K-S	SG2K5-S	SG3K-S	
	DC-Input			
Max. input voltage:	600 V DC			
Min. MPP voltage:	90 V DC			
Max. MPP voltage:	560 V DC			
Max. input current:	10 A			
Isc PV:	12 A			
	AC-Output			
Rated output voltage:	230 V			
Rated output frequency:	50/60Hz			
Max. output current:	9.1 A	11.3 A	13.7 A	
Rated output power:	2 kW	2.5 kW	3 kW	
Max. apparent power:	2 kVA	2.5 kVA	3 kVA	
Power factor range:	0.8 Lead 0.8 Lag			
Protection class:				
Degree of protection:	IP 65			
Overvoltage category:	III[AC], II[DC]			
Ambient temperature:	-25°C +60°C			

Model	SG3K-D	SG3K6-D	SG4K-D	
-	DC-Input			
Max. input voltage:	600 V DC			
Min. MPP voltage:	90 V DC			
Max. MPP voltage:	560 V DC			
Max. input current:	20 (10/10) A			
Isc PV:	24 (12/12) A			
	AC-Output			
Rated output voltage:	230 V			
Rated output frequency:	50/60Hz			
Max. output current:	13.7 A	16 A	18.2 A	
Rated output power:	3 kW	3.68 kW	4 kW	
Max. apparent power:	3 kVA	3.68 kVA	4 kVA	
Power factor range:	0.8 Lead 0.8 Lag			
Protection class:				
Degree of protection:	IP 65			
Overvoltage category:	III[AC], II[DC]			
Ambient temperature:	-25°C +60°C			

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Model	SG4K6-D	SG5K-D	SG6K-D	
	DC-Input			
Max. input voltage:	600 V DC			
Min. MPP voltage:	90 V DC			
Max. MPP voltage:	560 V DC			
Max. input current:	20 (10/10) A			
Isc PV:	24 (12/12) A			
	AC-Output			
Rated output voltage:	230 V			
Rated output frequency:	50/60Hz			
Max. output current:	21 A	22.7 A	27.3 A	
Rated output power:	4.6 kW	5 kW	6 kW	
Max. apparent power:	4.6 kVA	5 kVA	6 kVA	
Power factor range:	0.8 Lead 0.8 Lag			
Protection class:				
Degree of protection:	IP 65			
Overvoltage category:	III[AC], II[DC]			
Ambient temperature:	-25°C +60°C			

Tested according to:

EN 62109-1:2010 EN 62109-1:2011

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