ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

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 (Zhengdong Ma)

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.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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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:	I		
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:	I		
Degree of protection:	IP 65		
Overvoltage category:	III[AC], II[DC]		
Ambient temperature:	-25°C ... +60°C		

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Product Service

Attestation of Conformity

No. N8A 073342 0251 Rev. 00

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:	I		
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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