



Product Service

CERTIFICATE

No. B 073342 0250 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 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. See also notes overleaf.

Test report no.: 704091403301-05**Valid until:** 2023-12-18**Date,** 2018-12-20
(Zhengdong Ma)



Product Service

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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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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
IEC 62109-1(ed.1)
IEC 62109-2(ed.1)
IEC 61727(ed.2)
IEC 62116(ed.2)

Production
Facility(ies):

073342