



Product Service

CERTIFICATE

No. B 11 01 73342 010

Holder of Certificate: **Sungrow Power Supply Co., Ltd.**No. 2 Tianhu 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.:

4842009043702

**Date,** 2011-01-27

(Qing Huang)

Page 1 of 2



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Model(s): **SG3KTL, SG4KTL, SG5KTL**

Parameters:

DC-Input:
 Max. input voltage: 520V DC (for all models)
 Min. MPP voltage: 180V DC (SG3KTL)
 210V DC (SG4KTL) 260V DC (SG5KTL)
 Max. MPP voltage: 420V DC (for all models)
 Max. input current: 18A (SG3KTL)
 20A (SG4KTL, SG5KTL)
 Isc PV: 22.5A (SG3KTL)
 25A (SG4KTL, SG5KTL)
 AC-Output:
 Rated output voltage: 230V~ (for all models)
 Rated output frequency: 50Hz (for all models)
 Max. output current: 13A (SG3KTL)
 17.5A (SG4KTL), 22A (SG5KTL)
 Rated output power: 3000W (SG3KTL)
 4000W (SG4KTL), 5000W (SG5KTL)
 Protection class: I
 Degree of protection: IP54
 Ambient temperature: -25°C to +60°C
 Overvoltage category: III(Mains), II(PV)
 Model differences:
 SG4KTL: Basic model;
 SG3KTL: Similar as SG4KTL except for
 MPP voltage range and electrical ratings.
 SG5KTL: Similar as SG4KTL except for
 MPP voltage range and electrical ratings.

Tested according to:

EN 50178:1997
 EN 62109-1:2010
 FprEN 62109-2:2009
 DIN V VDE V 0126-1-1 (VDE V 0126-1-1):2006

Production Facility(ies):

73542

Page 2 of 2