

Notified Body  
**TÜV Rheinland**  
**LGA Products GmbH**



Tillystraße 2  
90431 Nürnberg

recognized by the

**Bundesnetzagentur für Elektrizität, Gas,  
Telekommunikation, Post und Eisenbahnen**  
herewith grants a

**Statement of a Notified Body**

**Notified under No. 0197**

within the meaning of Annex III of the EMC Council

Directive 2004/108/EC on compliance with the EMC protection requirements

**Statement Holder:**

Sungrow Power Supply Co., Ltd.  
No. 2 Tianhu Road  
New & High Technology Industrial  
Development Zone  
Hefei, Anhui 230088  
P.R. China

**Product:** Electronic Convertor  
(Grid Connected Inverter)

**Identification:** SG250K3

as described in the Technical Construction File  
EMC-TCF-G.C.I.-SG250K3,  
Rev. 1.0, as of June 30, 2010

This statement was issued in accordance with Annex III of the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. This statement does not testify to compliance with the EMC protection requirements of other laws implementing Directives of the European Community other than Council Directive 2004/108/EC. This statement relates to the sample submitted for testing or to the technical report.

Registration No.: AV 50181085 0001

Reference No.: 15037640 001

Date 05.08.2010



Notified Body

of:

*Xinhua Lu*  
Xinhua Lu

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50173080

Blatt *Page*  
0001

Ihr Zeichen *Client Reference*  
Z.W.

Unser Zeichen *Our Reference*  
01-LWC- 15035610 001

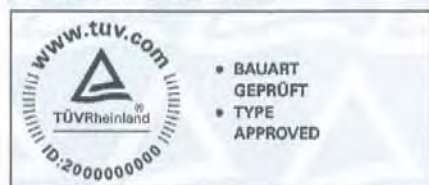
Ausstellungsdatum  
21.02.2011

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Sungrow Power Supply Co., Ltd.  
No. 2 Tianhu Road  
New & High Technology Industrial  
Development Zone  
Hefei, Anhui 230088  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Sungrow Power Supply Co., Ltd.  
No. 88, Wutong Road  
New & High Technology Industrial  
Development Zone  
Hefei, Anhui 230088  
P.R. China

## Prüfzeichen *Test Mark*



- BAUART  
GEPRÜFT
- TYPE  
APPROVED

## Geprüft nach *Tested acc. to*

EN 50178:1997  
EN 62109-1:2010  
IEC 62109-1:2010

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV-Wechselrichter (Grid Connected Inverter)

Bezeichnung : SG250K3 8  
(Type Designation)  
Max. Eingangsspannung : DC 900V  
(Max. Input Voltage)  
Nenneingang : DC 450-820V(MPP), 600A max.  
(Rated Input)  
Nennausgang : AC 3~ 400V, 50Hz  
(Rated Output) 396A max., 250KW max.

Max. Umgebungstemperatur : + 55°C  
(Max. Ambient Temperature)  
Schutzklasse : I  
(Protection Class)  
Überspannungskategorie : III  
(Overvoltage category)  
Verschmutzungsgrad : 2  
(Pollution Degree)  
Fortsetzung Blatt (continued on page) 0002



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ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

Zertifizierungsstelle

Dipl.-Ing. F. He

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg  
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com  
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50173080

Blatt *Page*  
0002

Ihr Zeichen *Client Reference*  
Z.W.

Unser Zeichen *Our Reference*  
01-LWC- 15035610 001

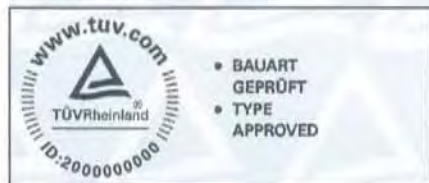
Ausstellungsdatum  
21.02.2011

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Sungrow Power Supply Co., Ltd.  
No. 2 Tianhu Road  
New & High Technology Industrial  
Development Zone  
Hefei, Anhui 230088  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Sungrow Power Supply Co., Ltd.  
No. 88, Wutong Road  
New & High Technology Industrial  
Development Zone  
Hefei, Anhui 230088  
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## Prüfzeichen *Test Mark*



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Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV-Wechselrichter (Grid Connected Inverter)

wie Blatt (as page) 0002

Fortsetzung (Continuation)

Bei Inverkehrbringen in den EWR müssen die Anforderungen an Aufschriften nach Richtlinie 2001/95/EG eingehalten werden.

(The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA.)



ANLAGE (Appendix): 1.0

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Dipl.-Ing. F. He

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Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50182951 0001

Report No.: 15035610 001

**Holder:** Sungrow Power Supply Co., Ltd.  
No. 2 Tianhu Road  
New & High Technology Industrial  
Development Zone  
Hefei, Anhui 230088  
P.R. China

**Product:** PV-Inverter  
(Grid Connected Inverter)


**Identification:** Type Designation: SG250K3  
Serial Number : Engineering Samples  
Remark : Issued in conjunction with TÜV Rheinland  
license R 50173080 0001-0002.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.



Certification Body

Date 21.02.2011

  
Dipl.-Ing. F. He

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE