Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*
R 50538705

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue* (day/mo/yr)
Wang Kai	01-Tianxin-CN224QKN 001	07.04.2022

Genehmigungsinhaber *License Holder*
Sungrow Power Supply Co., Ltd.
No.1699 Xiyou Rd.,New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*

TÜVRheinland® ZERTIFIZIERT
Bauart geprüft
Sicherheit
Regelmäßige Produktions-überwachung
www.tuv.com
ID 1111252272

Geprüft nach *Tested acc. to*
IEC 62109-1:2010
EN 62109-1:2010

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Konverter (Power Optimizer)

Type Designation	: SP600S	10
Max.Input Voltage[Vd.c.]	: 80	
MPP Voltage Range[Vd.c.]	: 8-80	
Max.Allowed System Voltage[Vd.c.]	: 1100	
Max.Input Current[Ad.c.]	: 16	
Max. DC short-circuit Current[Ad.c.]	: 20	
Rated Input Power[W]	: 600	
Max.Output Voltage[Vd.c.]	: 80	
Max.Output Current[Ad.c.]	: 16	

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.

TÜV Rheinland LGA Products GmbH TÜVRheinland® Zertifizierstelle

Zertifizierungsstelle

A. Chen

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

10/020 d 04.08 ® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.

Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*
R 50538705

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue*
Wang Kai	01-Tianxin-CN224QKN 001	07.04.2022 *(day/mo/yr)*

Genehmigungsinhaber *License Holder*
Sungrow Power Supply Co., Ltd.
No.1699 Xiyou Rd.,New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*

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ID 1111252272

Geprüft nach *Tested acc. to*
IEC 62109-1:2010
EN 62109-1:2010

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Konverter (Power Optimizer)

as page 0001 continuation

Protective Class	: II
Ingress Protection(IP)	: IP68
Overvoltage Category(OVC)	: II
Operating Temperature[°C]	: -40 to 85(>80 derating)
Pollution Degree(PD)	: PD3
Altitude[m]	: 4000

Remark(s):
The installation has to be carried out according to the attached installation instruction.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

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.
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TÜV Rheinland LGA Products GmbH Zertifizierungsstelle

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A. Chen

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

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Anlage Fertigungsstättenliste
/Attachment List of Factories

R 50538705 0001

1 Sungrow Power Supply Co., Ltd.
No.1699 Xiyou Rd.,New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

2 Sungrow Power Supply Co., Ltd.
No. 608, Changning Avenue,
New & High Technology Industrial Development Zone,
Hefei City,
Anhui
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 07.04.2022

Zertifizierungsstelle
/ Certification Body

A. Chen

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TÜV Rheinland (China) Ltd.
Member of TÜV Rheinland Group

TÜVRheinland®
Precisely Right.

Sungrow Power Supply Co., Ltd.
Wang Kai

No.1699 Xiyou Rd.,New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

Date : 07.04.2022
Our ref. : Tianxin 01
Your ref.: Wang Kai

Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : Power Optimizer
Model Designation : See Certificate
Certificate No. : R 50538705 0001
Report No. : CN224QKN 001

Dear Wang Kai,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.
In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body

A. Chen

cc: Sungrow Power Supply Co., Ltd.

Enclosure

证书的详细资料请登陆www.certipedia.com查阅，或拨打我司客服热线800 999 3668 / 400 883 1300咨询

TÜV Rheinland (China) Ltd.
莱茵检测认证服务（中国）有限公司

Room 301, 3F and Room 1203, 12F, Building C, CATIC Plaza , No. 15, Ronghua South Road, Beijing Economic-Technological Development Area, 100176, Beijing

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Internet: http://www.chn.tuv.com