

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50563659

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
GAO ZHIYONG

Unser Zeichen *Our Reference*  
01-YY-CN228WP7 001

Ausstellungsdatum *Date of Issue*  
07.11.2022 (day/mo/yr)

**Genehmigungsinhaber *License Holder***

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Fertigungsstätte *Manufacturing Plant***

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Prüfzeichen *Test Mark***



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111261173

**Geprüft nach *Tested acc. to***

IEC 62109-1:2010  
IEC 62109-2:2011  
EN 62109-1:2010  
EN 62109-2:2011

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

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV-Wechselrichter (GRID-CONNECTED PHOTOVOLTAIC INVERTER)

Type Designation	:1) X1-BOOST-2.5K-G4 2) X1-BOOST-3K-G4 3) X1-BOOST-3.3K-G4 4) X1-BOOST-3.6K-G4	13
Vmax PV[Vd.c.]	: 600	
Isc PV[Ad.c.]	: 22	
MPP Voltage Range [Vd.c.]	: 40-560	
Max. Input Current [Ad.c.]	: 16	
Overvoltage Category (OVC)	: II for PV	
Rated Output Volt. [Va.c.]	: 220/230/240	
Rated Output Freq. [Hz]	: 50 / 60	
Rated Output Power [W]	: 1)2500; 2)3000; 3)3300; 4)3680	
Max. Output Current [Aa.c.]	: 1)12.0; 2)14.4; 3)15.8; 4)17.6	

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

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

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50563659

**Blatt Sheet**  
0002

**Ihr Zeichen Client Reference**  
GAO ZHIYONG

**Unser Zeichen Our Reference**  
01-YY-CN228WP7 001

**Ausstellungsdatum Date of Issue**  
07.11.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Fertigungsstätte Manufacturing Plant**

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Prüfzeichen Test Mark**



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IEC 62109-1:2010  
IEC 62109-2:2011  
EN 62109-1:2010  
EN 62109-2:2011

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

**Lizenzentgelte - Einheit  
License Fee - Unit**

PV-Wechselrichter (GRID-CONNECTED PHOTOVOLTAIC INVERTER)

as page 0001 continuation  
Type Designation

:5) X1-BOOST-4.2K-G4  
6) X1-BOOST-5K-G4  
7) X1-BOOST-6K-G4

3

Vmax PV[Vd.c.] : 600  
Isc PV[Ad.c.] : 22  
MPP Voltage Range [Vd.c.] : 40-560  
Max. Input Current [Ad.c.] : 16  
Overvoltage Category (OVC) : II for PV  
Rated Output Volt. [Va.c.] : 220/230/240  
Rated Output Freq. [Hz] : 50 / 60  
Rated Output Power [W] : 5)4200; 6)5000; 7)6000  
Max. Output Current [Aa.c.] : 5)20.1; 6)23.9; 7)27.3

Continued on page 0003

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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, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



**Zertifizierungsstelle**

**A. Chen**

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50563659

**Blatt Sheet**  
0003

**Ihr Zeichen Client Reference**  
GAO ZHIYONG

**Unser Zeichen Our Reference**  
01-YY-CN228WP7 001

**Ausstellungsdatum Date of Issue**  
07.11.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Fertigungsstätte Manufacturing Plant**

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Prüfzeichen Test Mark**



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**Geprüft nach Tested acc. to**

IEC 62109-1:2010  
IEC 62109-2:2011  
EN 62109-1:2010  
EN 62109-2:2011

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

**Lizenzentgelte - Einheit  
License Fee - Unit**

PV-Wechselrichter (GRID-CONNECTED PHOTOVOLTAIC INVERTER)

as page 0002 continuation

Power Factor : [-0.8, 0.8]  
Overvoltage Category (OVC) : III for AC mains  
Protective Class : Class I  
Ingress Protection (IP) : IP66  
Pollution Degree (PD) : PD2 (inside), PD3 (outside)  
Altitude[m] : ≤4000  
Operating Temperature [°C] : -25 to 60 (> 45 de-rating)  
Type of Inverter : Non-isolated

**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, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



**Zertifizierungsstelle**

**A. Chen**

SolaX Power Network Technology (Zhejiang) Co., Ltd.  
Gao Zhiyong

Date : 07.11.2022  
Our ref. : YY 01  
Your ref.: GAO ZHIYONG

No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Ref : R TÜV-Mark Approval**

Type of Equipment : PV-Inverter  
Model Designation : See Certificate  
Certificate No. : R 50563659 0001  
Report No. : CN228WP7 001

Dear Gao Zhiyong,

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

Enclosure

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

# CERTIFICATE



## of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50563692 0001

Report No.: CN228WP7 001

**Holder:** SolaX Power Network Technology  
(Zhejiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Product:** PV-Inverter  
(GRID-CONNECTED PHOTOVOLTAIC INVERTER) 

**Identification:**


Type Designation	:	X1-BOOST-2.5K-G4	X1-BOOST-3K-G4
		X1-BOOST-3.3K-G4	X1-BOOST-3.6K-G4
		X1-BOOST-4.2K-G4	X1-BOOST-5K-G4
		X1-BOOST-6K-G4	
Serial Number	:	Enigneering Samples	
Remark	:	Issued in conjunction with TÜV Rheinland license R 50563659 pages 0001-0003	

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 Annex I of Council Directive 2014/35/EU, 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 IV of the Directive.


Certification Body

Date 07.11.2022



  
A. Chen

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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



SolaX Power Network Technology (Zhejiang) Co., Ltd.  
Gao Zhiyong

Date : 07.11.2022  
Our ref. : YY 01  
Your ref.: GAO ZHIYONG

No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

**Ref : AN Certificate of Conf. Low Voltage D.**

Type of Equipment : GRID-CONNECTED PHOTOVOLTAIC INVERTER  
Model Designation : See Certificate  
Certificate No. : AN 50563692 0001  
Report No. : CN228WP7 001

Dear Gao Zhiyong,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



A. Chen

Enclosure

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