

Certificado

TÜVRheinland®

SolaX Power Network Technology (Zhejiang) Co., Ltd.
Jason Shen

Fecha: 30.09.2022
Nuestra ref.: YY 01
Su ref.: Jason Shen

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

Ref.: R Autorización marca TÜV

Tipo de equipo: Inversor fotovoltaico con conexión a red
Designación de modelo: Véase certificado
N.º certificado: R 50560093 0001
N.º informe: CN222CJT 001

Apreciado Jason Shen:

El equipo especificado anteriormente se ha sometido a pruebas y se ha comprobado que cumple con los requisitos correspondientes.

Adjuntamos el certificado indicado anteriormente.

Si presenta la cancelación del certificado no más tarde del 15 de noviembre de cualquier año, no le cobraremos los honorarios del año siguiente.

El certificado se expide a condición de que el titular de la licencia incluya en el producto toda la información requerida en el párrafo 6 de la Ley de Protección de Productos (ProdSG) con relación al nombre y la dirección del fabricante o su representante autorizado / importador, incluidas sus respectivas direcciones de contacto, antes de la comercialización del producto en el Espacio Económico Europeo.

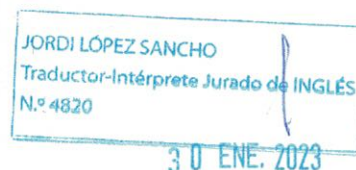
Reciba un cordial saludo,

El organismo de certificación

[Consta firma]
A. Chen

Adjunto

[Pie de página bilingüe con señas]



CERTIFICADO



de conformidad
Directiva de Baja Tensión 2014/35/UE

N.º de registro: AN 50560102 0001

N.º de informe: CN222CJT 001

Titular: SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
N.º 288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 31 0000
R.P. China

Producto: Inversor fotovoltaico
(Inversor fotovoltaico
con conexión a red)

Identificación: Designación tipo: X1- MINI-0.6K-G4 X1- MINI-0.7K-G4
X1- MINI-1.1K-G4 X1- MINI-1.5K-G4 X1- MINI-2.0K-G4
X1- MINI-2.5K-G4 X1- MINI-3.0K-G4 X1- MINI-3.3K-G4

N.º de serie: Muestras de ingeniería
Observación: Expedido junto con licencia TÜV
Rheinland R 50560093 págs. 0001-0003.

Este certificado de conformidad está basado en una evaluación de una muestra del producto mencionado anteriormente. La documentación y el Informe Técnico se encuentran a disposición del Titular de la Licencia. Sirva el presente para certificar que la muestra probada cumple con el Anexo I de la Directiva del Consejo 2014/35/UE, a la que se hace referencia como Directiva de Baja Tensión. El presente certificado no implica la evaluación de la producción en serie del producto y no permite el uso de una marca de conformidad TÜV Rheinland. El titular del certificado está autorizado para usar el presente certificado con relación a la declaración de conformidad de la CE de acuerdo con el Anexo IV de la Directiva.

Organismo de certificación

[Consta firma y sello de TÜV Rheinland]
A. Chen

Fecha 30.09.2022

TÜV Rheinland LGA Products GmbH - Tillystrasse 2 - 90431 Nürnberg

JORDI LÓPEZ SANCHO
Traductor-Intérprete Jurado de INGLÉS
N.º 4820

30 ENE. 2023

CE El mercado CE podrá usarse si se cumplen todas las Directivas de la CE relevantes en vigor. **CE**

TÜV Rheinland (China) Ltd.
Miembro de TÜV Rheinland Group

SolaX Power Network Technology (Zhejiang) Co., Ltd.
Jason Shen

Fecha: 30.09.2022
Nuestra ref.: Kese 01
Su referencia: Jason Shen

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

Ref.: AN Certificado de conformidad con Directiva de Baja Tensión

Tipo de equipo: Inversor fotovoltaico con conexión a red
Design. modelo: Véase certificado
N.º certificado: AN 50560102 0001
N.º informe: CN222CJT 001

Apreciado Jason Shen:

Por el presente confirmamos que se ha sometido a prueba una muestra del equipo técnico citado anteriormente y se ha hallado conforme a los requisitos correspondientes.

Se adjunta Certificado de conformidad.

Le agradecemos su ayuda y le ofrecemos nuestra asistencia y servicio continuo en un futuro.

Reciba un cordial saludo,

Organismo de certificación

[Consta firma]

A. Chen

Adjunto

Certificación

Don Jordi López Sancho, Traductor-Intérprete Jurado de inglés, nombrado por el Ministerio de Asuntos Exteriores, Unión Europea y Cooperación, certifica que lo que antecede es traducción fiel y completa al español de un documento redactado en inglés.

En Barcelona, a 30 de enero de 2023.

Certification

Mr. Jordi López Sancho, Sworn Translator-Interpreter of English, appointed by the Spanish Ministry of Foreign Affairs, European Union and Cooperation, certifies the foregoing to be a true and full translation into Spanish of a document written in English.

In Barcelona, on 30 January 2023.

Firma/Signature



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50560093

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Jason Shen

Unser Zeichen *Our Reference*
01-YY-CN222CJT 001

Ausstellungsdatum *Date of Issue*
30.09.2022 (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 1111259834

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 PV Inverter)

Type Designation	: X1- MINI-0.6K-G4 X1- MINI-0.7K-G4 X1- MINI-1.1K-G4 X1- MINI-1.5K-G4	13
V _{max} PV [Vd.c.]	: 450	
I _{sc} PV [Ad.c.]	: 22	
MPP Voltage Range [Vd.c.]	: 40-450	
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]	: 1:600; 2:700; 3:1100; 4:1500	
Max. Output Current [Aa.c.]	: 1:3; 2:3.5; 3:5.5; 4:7.5	

Continued on page 0002

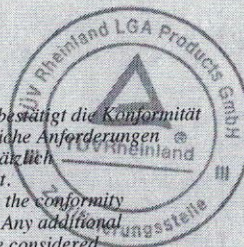
13

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

JORDI LÓPEZ SANCHO
Traductor-Intérprete Jurado de INGLÉS
Nº 4026

A. Chen

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50560093

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
Jason Shen

Unser Zeichen *Our Reference*
01-YY-CN222CJT 001

Ausstellungsdatum *Date of Issue*
30.09.2022 (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 1111259834

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 PV Inverter)

as page 0001 continuation
Type Designation

: X1- MINI-2.0K-G4
X1- MINI-2.5K-G4
X1- MINI-3.0K-G4
X1- MINI-3.3K-G4

4

Vmax PV[Vd.c.] : 1: 450; 2-4: 550
Isc PV[Ad.c.] : 22
MPP Voltage Range [Vd.c.] : 1:40-450; 2-4:40-550
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] : 1:2000; 2:2500; 3:3000; 4:3300
Max. Output Current [Aa.c.] : 1:10; 2:12.5; 3:15; 4:15

Continued on page 0003

4

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

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

A. Chen JORDI LÓPEZ SANCHO
Traductor-Intérprete Jurado de INGLÉS
N.º 4820

30 ENE 2023

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50560093

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
Jason Shen

Unser Zeichen *Our Reference*
01-YY-CN222CJT 001

Ausstellungsdatum *Date of Issue*
30.09.2022 (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 1111259834

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 PV Inverter)

as page 0002 continuation

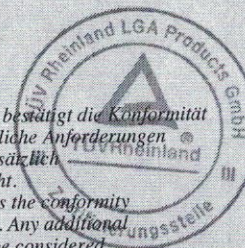
Power Factor : [-0.8, 0.8]
Overvoltage Category (OVC) : III for AC mains
Protective Class : Class I
Ingress Protection (IP) : IP66
Pollution Degree (PD) : PD2 (inside), PD3 (outside)
Altitude [m] : ≤4000
Operating Temperature [°C] : -25 to 60 (> 45 de-rating)
Type of Inverter : Non-isolated

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.
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.



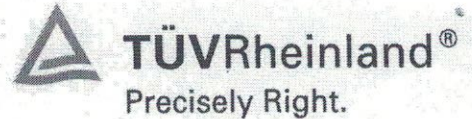
Zertifizierungsstelle

A. Chen

JORDI LÓPEZ SANCHO
Traductor-Intérprete Jurado de INGLÉS
N.º 4820

30 ENE 2023

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



SolaX Power Network Technology (Zhejiang) Co., Ltd.
Jason Shen

Date : 30.09.2022
Our ref. : YY 01
Your ref.: Jason Shen

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

Ref : R TÜV-Mark Approval

Type of Equipment : Grid Connected PV Inverter
Model Designation : See Certificate
Certificate No. : R 50560093 0001
Report No. : CN222CJT 001

Dear Jason Shen,

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

北京市北京经济技术开发区荣华南路15号院中航技广场C座3层301室
12层1203室
邮编: 100176

Tel: 86 10 8524 2222
Fax: 86 10 8524 2200
e-mail: info@chn.tuv.com
Internet: <http://www.chn.tuv.com>

30-ENE-2023

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50560102 0001

Report No.: CN222CJT 001

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

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: Type Designation : X1- MINI-0.6K-G4 X1- MINI-0.7K-G4
X1- MINI-1.1K-G4 X1- MINI-1.5K-G4 X1- MINI-2.0K-G4
X1- MINI-2.5K-G4 X1- MINI-3.0K-G4 X1- MINI-3.3K-G4

Serial Number : Enigneering Samples
Remark : Issued in conjunction with TÜV Rheinland
license R 50560093 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 30.09.2022



A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

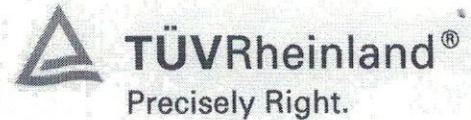
JORDI LÓPEZ SANCHO
Traductor-Intérprete Jurado de INGLÉS

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



30 ENE. 2023

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



SolaX Power Network Technology (Zhejiang) Co., Ltd.
Jason Shen

Date : 30.09.2022
Our ref. : Kese 01
Your ref.: Jason Shen

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 PV Inverter
Model Designation : See Certificate
Certificate No. : AN 50560102 0001
Report No. : CN222CJT 001

Dear Jason Shen,

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

北京市北京经济技术开发区荣华南
路15号院中航技广场C座3层301室
12层1203室
邮编: 100176

Tel: 86 10 8524 2222
Fax: 86 10 8524 2200
e-mail: info@bj.chn.tuv.com
Internet: <http://www.chn.tuv.com>

JORDI LÓPEZ SANCHO
Traductor-Intérprete Jurado de INGLÉS
N.º 4820

3-0-ENE-2023