

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50490904 0001

Report No.: CN20WCIS 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-x-S-y(L)
(x=0.6 or 0.7 or 1.1 or 1.5 or 2.0 or 2.5K
or 3K or 3.3K or 3.6K; y= D or N)
Serial Number : Enigneering Samples
Remark : Issued in conjunction with TÜV Rheinland
license R 50490901 pages 0001-0005

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.




Weichun Li

Date 28.12.2020

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.
Jason Shen

Date : 29.12.2020
Our ref. : DJW 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 50490904 0001
Report No. : CN20WCIS 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


Weichun Li

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50490901

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Jason Shen

Unser Zeichen *Our Reference*
01-DJW-CN20WCIS 001

Ausstellungsdatum *Date of Issue*
28.12.2020 (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 1111234271

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-x-S-D(L)	15
	X1-x-S-N(L)	
	x=0.6 x=0.7 x=1.1	
Vmax PV[Vd.c.]	: 450	
Isc PV[Ad.c.]	: 16	
MPP Voltage Range[Vd.c.]	: 45-430	
Max. Input Current[Ad.c.]	: 14	
Overvoltage Category (OVC)	: II for PV	
Rated Output Volt.[Va.c.]	: 220/230/240	
Rated Output Freq.[Hz]	: 50/60	
Rated Output Power[W]	: 600 700 1100	
Max. Output Current[Aa.c.]	: 2.86 3.3 5.3	
Power Factor	: 0.8 (leading) , 0.80 (lagging)	
Overvoltage Category (OVC)	: III for AC mains	

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, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety



Weichun Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50490901

Blatt *Sheet*
0002

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Jason Shen

Unser Zeichen *Our Reference*
01-DJW-CN20WCIS 001

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28.12.2020 (day/mo/yr)

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Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid Connected PV Inverter)

Type Designation	: X1-x-S-D(L) X1-x-S-N(L) x=1.5 x=2.0	4
Vmax PV[Vd.c.]	: 450	
Isc PV[Ad.c.]	: 16	
MPP Voltage Range[Vd.c.]	: 50-430	
Max. Input Current[Ad.c.]	: 14	
Overvoltage Category (OVC)	: II for PV	
Rated Output Volt.[Va.c.]	: 220/230/240	
Rated Output Freq.[Hz]	: 50/60	
Rated Output Power[W]	: 1500 2000	
Max. Output Current[Aa.c.]	: 7.2 9.6	
Power Factor	: 0.8(leading), 0.80(lagging)	
Overvoltage Category(OVC)	: III for AC mains	

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.
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Weichun Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
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0003

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Jason Shen

Unser Zeichen *Our Reference*
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28.12.2020 (day/mo/yr)

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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid Connected PV Inverter)

Type Designation	: X1-x-S-D(L) X1-x-S-N(L) x=2.5K x=3K	4
V _{max} PV[Vd.c.]	: 550	
I _{sc} PV[Ad.c.]	: 16	
MPP Voltage Range[Vd.c.]	: 55-530	
Max. Input Current[Ad.c.]	: 14	
Overvoltage Category (OVC)	: II for PV	
Rated Output Volt.[Va.c.]	: 220/230/240	
Rated Output Freq.[Hz]	: 50/60	
Rated Output Power[W]	: 2500 3000	
Max. Output Current[Aa.c.]	: 11.9 14.3	
Power Factor	: 0.8(leading), 0.80(lagging)	
Overvoltage Category(OVC)	: III for AC mains	

Continued on page 0004

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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.
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Weichun Li

Zertifikat

Certificate



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0004

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Jason Shen

Unser Zeichen *Our Reference*
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Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Wechselrichter (Grid Connected PV Inverter)

Type Designation	: X1-x-S-D(L) X1-x-S-N(L) x=3.3K x=3.6K	4
Vmax PV[Vd.c.]	: 550	
Isc PV[Ad.c.]	: 16	
MPP Voltage Range[Vd.c.]	: 55-530	
Max. Input Current[Ad.c.]	: 14	
Overvoltage Category (OVC)	: II for PV	
Rated Output Volt.[Va.c.]	: 220/230/240	
Rated Output Freq.[Hz]	: 50/60	
Rated Output Power[W]	: 3300 3680	
Max. Output Current[Aa.c.]	: 14.3 16	
Power Factor	: 0.8(leading), 0.80(lagging)	
Overvoltage Category(OVC)	: III for AC mains	

Continued on page 0005

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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.

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

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

PV-Wechselrichter (Grid Connected PV Inverter)

Protective Class : Class I
Ingress Protection (IP) : IP66
Pollution Degree (PD) : PD 3
Operating Temperature [°C] : -25 to 60 (>45 derating)
Altitude [m] : 2000
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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Weichun Li

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

Date : 29.12.2020
Our ref. : DJW 01
Your ref.: Jason Shen

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

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

Type of Equipment : Grid Connected PV Inverter
Model Designation : See Certificate
Certificate No. : R 50490901 0001
Report No. : CN20WCIS 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.

With kind regards,

Certification Body


Weichun Li

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