

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50573654

Blatt Sheet
0001

Ihr Zeichen Client Reference
168370795

Unser Zeichen Our Reference
02-XGJ-CN22QDUP 001

Ausstellungsdatum Date of Issue
14.02.2023 (day/mo/yr)

Genehmigungsinhaber License Holder

Shenzhen SOFARSOLAR Co., Ltd.
11/F., Gaoxingqi Technology Building
No.67 Area, Xingdong Community,
Xin'an Sub-district, Bao'an District
Shenzhen City,
Guangdong
P.R. China

Fertigungsstätte Manufacturing Plant

Refer to latest revision
of the annex list of factories

Prüfzeichen Test Mark



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111264635

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-Inverter (Hybrid Inverter)

Type Designation : 1) ESI 6K-S1, 2) ESI 5K-S1-A, 3) ESI 5K-S1, 4) ESI 4.6K-S1, 5) ESI 4K-S1, 6) ESI 3.68K-S1, 7) ESI 3K-S1 16

Vmax PV [Vd.c.] : 550

Isc PV [Ad.c.] : 22.5/22.5

MPP Voltage Range [Vd.c.] : 85-520

Max. Input Current [Ad.c.] : 16/16

Overvoltage Category (OVC) : II for PV

Rated Output Volt. [Va.c.] : L+N+PE, 230

Rated Output Freq. [Hz] : 50 / 60

Rated Output Power. [kW] : 1) 6.0, 2) 3) 5.0, 4) 4.6, 5) 4.0, 6) 3.68, 7) 3.0

Max. Output Current. [Aa.c.] : 1) 30, 2) 25, 3) 22.7, 4) 20.9, 5) 20, 6) 16, 7) 15

Power Factor : [-0.80, 0.80]

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.



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

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50573654

Blatt Sheet
0002

Ihr Zeichen Client Reference
168370795

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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Inverter (Hybrid Inverter)

as page 0001 continuation

Protective Class : Class I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD3
Altitude [m] : ≤4000
Operating Temperature [°C] : -10 to 50
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.

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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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

Anlage Fertigungsstättenliste
/Attachment List of Factories



R 50573654 0001

1 Dongguan SOFAR SOLAR Co., Ltd.
1F - 6F, Building E,
No. 1 JinQi Road,
Bihu Industrial Park, Wulian Village,
Fenggang Town, Dongguan City
Guangdong
P.R. China



TÜVRheinland®

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

Datum / Date 14.02.2023



Zertifizierungsstelle
/ Certification Body

A handwritten signature in blue ink, appearing to read "A. Chen".

A. Chen

Shenzhen SOFARSOLAR Co., Ltd.
Hui Wang Certification Testing
Engineer

Date : 14.02.2023
Our ref. : XGJ 02
Your ref.: 168370795

11/F., Gaoxinqi Technology
Building,
No.67 Area, Xingdong Community,
Xin'an Sub-district, Bao'an
District,

Ref : R TÜV-Mark Approval

Type of Equipment : Hybrid Inverter
Model Designation : See Certificate
Certificate No. : R 50573654 0001
Report No. : CN22QDUP 001

Dear Hui Wang,

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

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50573667 0001

Report No.: CN22QDUP 001

Holder: Shenzhen SOFARSOLAR Co., Ltd.
11/F., Gaoxinqi Technology Building,
No.67 Area, Xingdong Community,
Xin'an Sub-district, Bao'an District,
Shenzhen City,
Guangdong
P.R. China

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation : ESI 6K-S1, ESI 5K-S1-A, ESI 5K-S1,
ESI 4.6K-S1, ESI 4K-S1, ESI 3.68K-S1,
ESI 3K-S1
Serial Number : SQ1025005KE229140130
Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50573654 pages 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 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 14.02.2023



A. Chen

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.



Shenzhen SOFARSOLAR Co., Ltd.
Hui Wang, Certification Testing
Engineer

Date : 14.02.2023
Our ref. : XGJ 02
Your ref.: 168370795

11/F., Gaoxinqi Technology
Building,
No.67 Area, Xingdong Community,
Xin'an Sub-district, Bao'an
District,
Shenzhen City,
Guangdong

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Hybrid Inverter
Model Designation : See Certificate
Certificate No. : AN 50573667 0001
Report No. : CN22QDUP 001

Dear Hui Wang,

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