

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50523097

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0001

Ihr Zeichen *Client Reference*
168339913

Unser Zeichen *Our Reference*
02-Kese-CN21Q5HW 001

Ausstellungsdatum *Date of Issue*
01.12.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa
Industrial Park, District 68,
XingDong Community, XinAn Street,
BaoAn District, Shenzhen
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 1111246614

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 (Grid-connected PV Inverter)

Type Designation: SOFAR 3KTLM-G3, SOFAR 3.6KTLM-G3,
SOFAR 4KTLM-G3, SOFAR 4.6KTLM-G3,
SOFAR 5KTLM-G3, SOFAR 5KTLM-G3-A,
SOFAR 6KTLM-G3

16

Vmax PV [Vd.c.] : 600
Isc PV [Ad.c.] : 22.5/22.5
MPP Voltage Range [Vd.c.] : 80-550
Max. Input Current [Ad.c.] : 15/15
Overvoltage Category (OVC) : II for DC Side
Rated Output Volt. [Va.c.] : L/N/PE,220/230
Rated Output Freq. [Hz] : 50/60
Rated Output Power. [kW] : 3, 3.68, 4, 4.6, 5, 5, 6
Max. Output Current. [Aa.c.] : 15, 16, 20, 23, 25, 21.7, 29
Power Factor : 1 default(+/-0.8 adjustable)
Overvoltage Category(OVC) : III for AC Mains

continued on page 0002

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
A. Chen

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50523097

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0002

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
168339913	02-Kese-CN21Q5HW 001	01.12.2021	(day/mo/yr)

Genehmigungsinhaber *License Holder*
Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa
Industrial Park, District 68,
XingDong Community, XinAn Street,
BaoAn District, Shenzhen
Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*
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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Inverter (Grid-connected PV Inverter)

as page 0001 continuation

Protective Class : Class I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD3
Altitude [m] : 2000
Operating Temperature [°C] : -30 to 60 (>45 derating)
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.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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



Archen

A. Chen

Anlage Fertigungsstättenliste
/Attachment List of Factories



R 50523097 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 01.12.2021



A. Chen

A. Chen

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

Date : 01.12.2021
Our ref. : Kese 02
Your ref.: 168339913

401, Building 4, AnTongDa
Industrial Park, District 68,
XingDong Community, XinAn Street,
BaoAn District, Shenzhen
Guangdong

Ref : R TÜV-Mark Approval

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : R 50523097 0001
Report No. : CN21Q5HW 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.

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