

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50532238

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
168369919

Unser Zeichen *Our Reference*
02-XGJ-CN21UUKV 003

Ausstellungsdatum *Date of Issue*
13.10.2022 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Shenzhen Senergy Technology
Co., Ltd.
Room 405, Building A, Co-talent
Creative Park, No.2, LiuXianRoad,
Block 68, Xin an Street,
518101 Bao' an District, ShenZhen
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 1111249787

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 (ESS Inverter)

as page 0001~0002 continuation
Add:

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Type Designation: 1) SE 3K6HB-60, 2) SE 3K68HB-60,
3) SE 4K6AC, 4) SE 5KAC, 5) SE 6KAC

V_{max} PV [V d.c.] : 1) 2) 550
I_{sc} PV [A d.c.] : 1) 2) 20/20
MPP Voltage Range [V d.c.] : 1) 2) 90-520
Max. Input Current [A d.c.] : 1) 2) 15/15
Overvoltage Category (OVC) : 1) 2) II for PV Side
Battery Rated Voltage [V d.c.] : 1) 2) 3) 4) 5) 48
Battery Voltage Range [V d.c.] : 1) 2) 3) 4) 5) 40-60
Battery Max Charging/Discharging Current [A d.c.]
: 1) 2) 60, 3) 4) 100, 5) 120
AC Rated Input Volt. [V a.c.] : 1) 2) 3) 4) 5) 220/230
AC Rated Input Freq. [Hz] : 1) 2) 3) 4) 5) 50/60
AC Max. Input Current. [A a.c.]: 1) 2) 28.6, 3) 4) 5) 41
Grid Rated Output Volt. [V a.c.]: 1) 2) 3) 4) 5) 220/230
Grid Rated Output Freq. [Hz] : 1) 2) 3) 4) 5) 60/50
Grid Rated Output Power. [kW] : 1) 3.6, 2) 3.68, 3) 4.6,
4) 5.0, 5) 6.0

Continued on page 0004

ANLAGE (Appendix): 1.1

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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

Tongle Lee

Zertifikat

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0004

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Prüfzeichen *Test Mark*



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

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

PV-Inverter (ESS Inverter)

as page 0003 continuation
Grid Max.Output Current. [A a.c.] : 1) 2) 16.7, 3) 22.0,
4) 25.0, 5) 27.2
Grid Power Factor : [-0.80, 0.80]
Off Grid Rated Output Volt. [V a.c.]: 1) 2) 3) 4) 5) 220/230
Off Grid Rated Output Freq. [Hz] : 1) 2) 3) 4) 5) 60/50
Off Grid Rated Output Power. [kW] : 1) 3.6, 2) 3.68, 3) 4.6,
4) 5.0, 5) 6.0
Off Grid Max.Output Current. [A a.c.]: 1) 2) 13.0, 3) 20.0,
4) 21.7, 5) 26.0
Off Grid Power Factor : 1) 2) 3) 4) 5) 1
Overvoltage Category (OVC) : III for AC mains
Protective Class : Class I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD3
Altitude [m] : 4000
Operating Temperature [°C]: -25 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.

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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

Tongle Lee

Shenzhen Senergy Technology Co.,
Ltd.

Date : 13.10.2022
Our ref. : XGJ 02
Your ref.: 168369919

Room 405, Building A, Co-talent
Creative Park, No.2, LiuXianRoad,
Block 68, Xin an Street,
518101 Bao' an District, ShenZhen
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : ESS Inverter
Model Designation : See Certificate
Certificate No. : R 50532238 0003
Report No. : CN21UUKV 003

Dear Ladies and Gentlemen,

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



Tongle Lee

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