

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50554529

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
168361884

Unser Zeichen *Our Reference*  
02-YY-CN22TG30 001

Ausstellungsdatum *Date of Issue*  
11.08.2022 (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*



## Geprüft nach *Tested acc. to*

EN 62109-1:2010  
IEC 62109-1:2010  
EN 62109-2:2011  
IEC 62109-2:2011

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

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

PV-Inverter (Grid-Tied Solar inverter)

Type Designation: 1) SE 5KTL-D3/G2, 2) SE 6KTL-D3/G2, 3) SE 8KTL-D3/G2, 4) SE 10KTL-D3/G2, 5) SE 10KTL-D3/G2P, 6) SE 12KTL-D3/G2, 7) SE 10KTL-D3/G2P, 8) SE 12KTL-D3/G2, 9) SE 10KTL-D3/G2P, 10) SE 12KTL-D3/G2, 11) SE 22KTL-D3/G2, 12) SE 25KTL-D3/G2, 13) SE 10K1TL-D3/G2P, 14) SE 10K1TL-D3/G2

V<sub>max</sub> PV [Vd.c.]: 1100

I<sub>sc</sub> PV [Ad.c.]: 1) 2) 3) 4) 13) 20/20, 5) 6) 7) 14) 20/40, 8) 9) 10) 11) 12) 40/40

MPP Voltage Range [Vd.c.]: 1) 170-850, 2) 210-850, 3) 270-850, 4) 7) 10) 13) 340-850, 5) 14) 510-850, 6) 270-850, 8) 11) 380-850, 9) 290-850, 12) 430-850

Max. Input Current [Ad.c.]: 1) 2) 3) 4) 13) 15/15, 5) 6) 7) 14) 15/30, 8) 9) 10) 11) 12) 30/30

Overvoltage Category (OVC): II for PV Side

Rated Output Volt. [Va.c.]: 3W+N+PE, 380V/400V/415V

Rated Output Freq. [Hz]: 50 / 60

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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



A. Chen

# Zertifikat

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0002

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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 1111257827

**Geprüft nach *Tested acc. to***

EN 62109-1:2010  
IEC 62109-1:2010  
EN 62109-2:2011  
IEC 62109-2:2011

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

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

PV-Inverter (Grid-Tied Solar inverter)

as page 0001 continuation

Rated Output Power. [kW] : 1)5, 2)6, 3)8, 4)5)10, 6)7)10.1,  
8)12, 9)10)15, 11)17,  
12)20, 13)22, 14)25  
Max. Output Current. [A.a.c.]: 1)3\*8.4, 2)3\*10.1, 3)3\*13.4,  
4)6)3\*17, 5)7)3\*16.8,  
8)3\*20.2, 9)10)3\*25.3,  
11)3\*28.6, 12)3\*33.7,  
13)3\*37, 14)3\*39.8  
Power Factor : [-0.80, 0.80]  
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.

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

**Anlage Fertigungsstättenliste**  
**/Attachment List of Factories**



R 50554529 0001

1 APD Shenzhen DK Inc.

No. 1,

Fengwei Road, Dakang Community,

Yuanshan Street, Longgang District,

Shenzhen

518115 Guangdong

P.R. China



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

Datum / Date 11.08.2022



Zertifizierungsstelle  
/ Certification Body

A handwritten signature in blue ink, appearing to read 'A. Chen', is written over a horizontal line.

A. Chen

Shenzhen Senergy Technology Co.,  
Ltd.

Date : 11.08.2022  
Our ref. : YY 02  
Your ref.: 168361884

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 : Grid-Tied Solar inverter  
Model Designation : See Certificate  
Certificate No. : R 50554529 0001  
Report No. : CN22TG30 001

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

  
A. Chen

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询