

Shenzhen Senergy Technology Co.,  
Ltd.  
Linda Liu  
Safety Section  
Block D, BC Park, No.18,  
Xiusha Rd., Shatian, Kengzi  
Sub-district, Pingshan District,  
Shenzhen 518112,  
P.R. China

Date : 01.09.2023  
Our ref. : DG 01  
Your ref.: Linda Liu

**Ref : A3 Grid Code Certificate**

Type of Equipment : Grid-connected PV inverter  
Model Designation : See Certificate  
Certificate No. : A3 50598898 0001  
Report No. : CN23CNMT 001

Dear Linda Liu,

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

CC: Shenzhen Senergy Technology

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

# CERTIFICATE of Conformity



Registration No.: A3 50598898 0001

Report No.: CN23CNMT 001

Holder: Shenzhen Senergy Technology  
Co., Ltd.  
Block D, BC Park, No.18,  
Xiusha Rd., Shatian, Kengzi  
Sub-district, Pingshan District,  
Shenzhen 518112,  
P.R. China

Product: PV-Inverter  
(Grid-connected PV inverter)

Identification: Type Designation : SE 30KTL-T3/K SE 30KTL-T3/G2  
SE 40KTL-T3/G2 SE 50KTL-Q3/G2  
Serial No. : Engineering samples  
Remark : Refer to test report CN23CNMT 001 for  
details.

Tested acc. to: PSE 2018-12-18  
2016/631 EU - (NC rFG)

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 01.09.2023

Durch die DAKKS nach  
DIN EN ISO/IEC 17065:2013  
akkreditierte Zertifizierungsstelle.  
Die Akkreditierung gilt nur für den in der  
Urkundenanlage D-ZE-14169-01-02  
aufgeführten Akkreditierungsumfang.



Certification Body

Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Certificate No.: A3 50598898 0001

# Certyfikat zgodności

**Posiadacz licencji:** **Shenzhen Senergy Technology Co., Ltd.**  
*License holder:* Block D, BC Park, No.18, Xiusha Rd., Shatian Kengzi Sub-district, Pingshan District, Shenzhen 518112, P. R. CHINA

**Producent:** Tak samo jak posiadacz licencji  
*Manufacturer:* Same as license holder

**Typ produktu:** Inwerter fotowoltaiczny (moduł Power Park typu A)  
*Type of product:* PV Inverter (Power Park Module Type A)

**Model:** SE 30KTL-T3/K, SE 30KTL-T3/G2, SE 40KTL-T3/G2, SE 50KTL-Q3/G2  
*Model:*

**Wersja oprogramowania:** 306011  
*Firmware version:*

**Standard:** PSE 2018-12-18  
*Standard:* Wymogi ogólnego stosowania wynikające z Rozporządzenia Komisji (UE) 2016/631 z dnia 14 kwietnia 2016 r. ustanawiającego kodeks sieci dotyczący wymogów w zakresie przyłączenia jednostek wytwórczych do sieci 2016/631 EU (NC RfG)  
Rozporządzenie Komisji (UE) 2016/631 z dnia 14 kwietnia 2016 r. ustanawiające kodeks sieci dotyczący wymogów w zakresie przyłączenia jednostek wytwórczych do sieci, Dz.U. UE z 27.4.2016 L112/1 (NC RfG)

**Raport nr.:** **CN23CNMT 001**  
*Report No.:*

**Data wydania:** 01.09.2023  
*Date of issue:*

**Data wygaśnięcia:** 01.09.2028  
*Expiry Date:*

*This certificate of conformity refers to the above mentioned product acc. to the certification program MS-0022957 Zertifizierung: Grundsätze und Aufgabenbereiche der Zertifizierung (Grid Code Certificate A3), which recognizes requirement for certification bodies as in PTPIREE:2021-04-28: Conditions and procedures for the use of certificates in the process of connecting power generation modules to power grids, and is an ISO/IEC 17067 Type 1a certification scheme. This is to verify that the above identified specimen is in conformity with the assessment requirement mentioned above. This verification does not imply assessment of the manufacturing process and does not permit the use of a TÜV Rheinland mark of conformity.*



**Weichun Li**  
Certyfikator



**Załącznik**
*Appendix*

<b>Oceny produktów:</b> <i>Product ratings:</i>				
<b>Posiadacz licencji:</b> <i>License holder:</i>	<b>Shenzhen Senergy Technology Co., Ltd.</b> Block D, BC Park, No.18, Xiusha Rd., Shatian Kengzi Sub-district, Pingshan District, Shenzhen 518112, P. R. CHINA			
<b>Producent:</b> <i>Manufacturer:</i>	Tak samo jak posiadacz licencji			
<b>Typ generatora:</b> <i>Generator Type:</i>	Inwerter fotowoltaiczny (moduł Power Park typu A)			
<b>Model:</b> <i>Model:</i>	<b>SE 30KTL-T3/K</b>	<b>SE 30KTL-T3/G2</b>	<b>SE 40KTL-T3/G2</b>	<b>SE 50KTL-Q3/G2</b>
$V_{MAX PV}$ [Vdc]	1100			
$I_{SC PV}$ [A]	50/45/45	50/45/45	50/45/45	50/45/45/45
$V_{MPP}$ [Vdc]	180 to 1000			
$I_{PV MAX}$ [A]	40/32/32	40/32/32	40/32/32	40/32/32/32
$V_{output}$ [Vac]	3L+N+PE, 380/400/415			
$f_n$ [Hz]	50			
$P_n$ [kW]	30.0	30.0	40.0	50.0
$P_{MAX}$ [kW]	30.0	33.4	44.5	55.6
$S_{MAX}$ [kVA]	30.0	33.4	44.5	55.6
$I_{MAX}$ [A]	51	51	67.5	84.3
<b>Description of the structure of the power generation unit:</b> <i>Opis budowy bloku energetycznego:</i> Testowany produkt to falownik, który wykorzystuje zaawansowane komponenty do konwersji elektroniki mocy, takie jak MOSFET, IGBT, do konwersji zmiennej mocy prądu stałego generowanego z paneli fotowoltaicznych (PV) na stabilną energię prądu przemiennego z sieci, która może być dostarczana do komercyjnej sieci elektrycznej. <i>The PCE under test is an inverter which utilizes the advanced power electronics conversion components such as MOSFET, IGBT to convert the variable DC power generated from the photovoltaic (PV) arrays to the stable utility AC power which can be fed into the commercial electrical grid.</i>				