ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

# C E R T I F I C A T E

**No. Z2 001965 0020 Rev. 00**

**Holder of Certificate:** **Shenzhen Senergy Technology Co., Ltd.**
Room 405, Building A
Co-talent Creative Park
No.2, LiuXian Road, Block 68, Xin'an Street
Bao'an District
518101 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**

**Product:** **Converter**
**(Grid-Tied Solar Inverter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

**Test report no.:** 64290203091101

**Valid until:** 2026-03-25

**Date,** 2021-03-26

( Billy Qiu )


TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Product Service

# C E R T I F I C A T E

**No. Z2 001965 0020 Rev. 00**

**Model(s):** **SE 2KTL-S1/G2, SE 3KTL-S1/G2, SE 3.6KTL-S1/G2, SE 4KTL-D1/G2, SE 5KTL-D1/G2, SE 6KTL-D1/G2**

**Parameters:**

| Model | SE 2KTL-S1/G2 | SE 3KTL-S1/G2 | SE 3.6KTL-S1/G2 | SE 4KTL-D1/G2 | SE 5KTL-D1/G2 | SE 6KTL-D1/G2 |
|---|---|---|---|---|---|---|
| PV terminal | | | | | | |
| Vmax. PV | 500Vd.c. | | | 550Vd.c. | | |
| MPPT Voltage Range | 50-490Vd.c. | | | 70-540Vd.c. | | |
| MPPT Tracker number | 1 | | | 2 | | |
| Max. continuous PV input current per tracker | 13Ad.c. | | | 13/13Ad.c. | | |
| Isc PV per tracker | 15Ad.c. | | | 15/15Ad.c. | | |
| Grid terminal | | | | | | |
| Rated voltage | 220/230/240 Va.c. | | | | | |
| Rated frequency | 50/60 Hz | | | | | |
| Maximum continuous output current | 10Aa.c. | 15Aa.c. | 16Aa.c. | 20Aa.c. | 25Aa.c. | 27.3Aa.c. |
| Rated output power | 2000W | 3000W | 3600W | 4000W | 5000W | 6000W |
| Maximum continuous output Apparent power | 2200VA | 3300VA | 3600VA | 4400VA | 5500VA | 6000VA |
| Power factor (Cos phi), adjustable | 0.8 leading ~ 0.8 lagging | | | | | |
| Enclosure | IP65 | | | | | |
| Temperature Range | -25°C ~ +60°C (derating at 45°C) | | | | | |
| Protective Class | I | | | | | |
| Altitude | up to 4000 m | | | | | |

**Tested according to:**

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


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