

Compliance Document

No. D 087538 0016 Rev. 00

Holder of Certificate: **Shenzhen Senergy Technology Co., Ltd.**
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PEOPLE'S REPUBLIC OF CHINA

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

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233004001

Date, 2023-04-20



(Billy Qiu)

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Model(s): SE 5KTL-D3/G2, SE 6KTL-D3/G2,
SE 8KTL-D3/G2, SE 10KTL-D3/G2,
SE 10KTL-D3/G2P, SE 12KTL-D3/G2,
SE 15KTL-D3/G2, SE 15KTL-D3/G2P,
SE 17KTL-D3/G2, SE 20KTL-D3/G2,
SE 22KTL-D3/G2, SE 25KTL-D3/G2,
SE 30KTL-D3/G2.

Parameters:

| Model Name | SE 5KTL-D3/G2 | SE 6KTL-D3/G2 | SE 8KTL-D3/G2 | SE 10KTL-D3/G2 | SE 10KTL-D3/G2P |
|---|---------------------------------------|---------------|---------------|----------------|-----------------|
| PV input terminal parameters | | | | | |
| Max.Input Voltage | 1100 V d.c. | | | | |
| MPPT Voltage Range | 160 V d.c. -1000 V d.c. | | | | |
| MPPT Tracker number | 1/1 | | | | 1/2 |
| Max.Input Current | 15/15 A d.c. | | | | 15/30 A d.c. |
| Shorted Input Current | 20/20 A d.c. | | | | 20/40 A d.c. |
| AC output terminal parameters | | | | | |
| Rated Output Voltage | 3/N/PE~, 230/400 V a.c. | | | | |
| Rated Output Current | 7.2 A.a.c. | 8.7 A.a.c. | 11.6 A.a.c. | 14.5 A.a.c. | 14.5 A.a.c. |
| Max.Output Current | 8.4 A a.c. | 10.1 A a.c. | 13.4 A a.c. | 17.0 A a.c. | 16.8 A a.c. |
| Rated.Output Power | 5000 W | 6000 W | 8000 W | 10000 W | 10000 W |
| Maximum Output Power P_{max} | 5500 W | 6600 W | 8800 W | 11200 W | 11000 W |
| Maximum Output Apparent Power S_{max} | 5500 VA | 6600 VA | 8800 VA | 11200 VA | 11000 VA |
| Rated Output Frequency | 50 Hz | | | | |
| Power Factor | 0.8 under-excited to 0.8 over-excited | | | | |

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| Model Name | SE 12KTL-D3/G2 | SE 15KTL-D3/G2 | SE 15KTL-D3/G2P | SE 17KTL-D3/G2 |
|---|---------------------------------------|----------------|-----------------|----------------|
| PV input terminal parameters | | | | |
| Max.Input Voltage | 1100 V d.c. | | | |
| MPPT Voltage Range | 160 V d.c.-1000 V d.c. | | | |
| MPPT Tracker number | 1/2 | 1/2 | 2/2 | 2/2 |
| Max.Input Current | 15/30 A d.c. | | 30/30 A d.c. | |
| Shorted Input Current | 20/40 A d.c. | | 40/40 A d.c. | |
| AC output terminal parameters | | | | |
| Rated Output Voltage | 3/N/PE~, 230/400 V a.c. | | | |
| Rated Output Current | 17.4 A a.c. | 21.7 A a.c. | 21.7 A a.c. | 24.6 A a.c. |
| Max.Output Current | 20.2 A a.c. | 25.3 A a.c. | 25.3 A a.c. | 28.6 A a.c. |
| Rated.Output Power | 12000 W | 15000 W | 15000 W | 17000 W |
| Maximum Output Power P_{max} | 13200 W | 16700 W | 16500 W | 18700 W |
| Maximum Output Apparent Power S_{max} | 13200 VA | 16700 VA | 16500 VA | 18700 VA |
| Rated Output Frequency | 50 Hz | | | |
| Power Factor | 0.8 under-excited to 0.8 over-excited | | | |

| Model Name | SE 20KTL-D3/G2 | SE 22KTL-D3/G2 | SE 25KTL-D3/G2 | SE 30KTL-D3/G2 |
|---|---------------------------------------|----------------|----------------|----------------|
| PV input terminal parameters | | | | |
| Max.Input Voltage | 1100 V d.c. | | | |
| MPPT Voltage Range | 160 V d.c.-1000 V d.c. | | | |
| MPPT Tracker number | 2/2 | 2/2 | 2/2 | 2/2 |
| Max.Input Current | 30/30 A d.c. | | | 40/30 A d.c. |
| Shorted Input Current | 40/40 A d.c. | | | 50/37.5 A d.c. |
| AC output terminal parameters | | | | |
| Rated Output Voltage | 3/N/PE~, 230/400 V a.c. | | | |
| Rated Output Current | 29.0 A a.c. | 31.9 A a.c. | 36.2 A a.c. | 43.5 A a.c. |
| Max.Output Current | 33.7 A a.c. | 37.0 A a.c. | 39.8 A a.c. | 50.2 A a.c. |
| Rated.Output Power | 20000W | 22000W | 25000W | 30000W |
| Maximum Output Power P_{max} | 22000 W | 24200 W | 27500 W | 33000 W |
| Maximum Output Apparent Power S_{max} | 22000 VA | 24200 VA | 27500 VA | 33000 VA |
| Rated Output Frequency | 50 Hz | | | |
| Power Factor | 0.8 under-excited to 0.8 over-excited | | | |



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**Tested
according to:**

C10/11:2021