



Product Service

CERTIFICATE

No. Z2 001965 0020 Rev. 02

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.: 64290203091103

Valid until: 2027-09-07

Date, 2022-09-08

(Billy Qiu)

CERTIFICATE

No. Z2 001965 0020 Rev. 02

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
 SE 1.5KTL-S1/G2P, SE 2KTL-S1/G2P,
 SE 3KTL-S1/G2P, SE 3.6KTL-S1/G2P,
 SE 3.68KTL-D1/G2P, SE 4KTL-D1/G2P,
 SE 4.6KTL-D1/G2P, SE 5KTL-D1/G2P,
 SE 6KTL-D1/G2P
 VP 2KTL-S1/G2P, VP 3KTL-S1/G2P,
 VP 3.6KTL-S1/G2P**

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 current	9.1/8.7/ 8.3 Aa.c.	13.6/13.0/ 12.5 Aa.c.	16/15.7/ 15.0 Aa.c.	18.2/17.4/ 16.7 Aa.c.	22.7/21.7/ 20.8 Aa.c.	27.3/26.1/ 25.0 Aa.c.
Maximum output current	10.0/9.6/ 9.2 Aa.c.	15.0/14.3/ 13.8 Aa.c.	16/15.7/ 15.0 Aa.c.	20.0/19.1/ 18.3 Aa.c.	25.0/23.9/ 22.9 Aa.c.	27.3/26.1/ 25.0 Aa.c.
Rated output power	2000W	3000W	3600W	4000W	5000W	6000W
Rated output Apparent power	2000VA	3000VA	3600VA	4000VA	5000VA	6000VA
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					