



Product Service

Attestation of Conformity

No. T8A 001965 0024 Rev. 01

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

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

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 64972203091202

Date, 2022-09-20

(Tony Liu)

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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: Test report No.: 64.972.20.30912.02
 (EN IEC 61000-6-1:2019, EN 61000-6-3:2007/A1:2011, EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019, EN IEC 61000-3-12:2011, EN IEC 61000-3-11:2019, EN IEC 61000-3-2:2019, EN 61000-3-3:2013/A1:2019, EN 301 489-17 V3.2.4:2020, EN 301 489-1 V2.2.3:2019, EN 300 328 V2.2.2:2019, EN 62479:2010, EN 50663:2017); 64.290.20.30911.03
 (EN 62109-1:2010, EN 62109-2:2011);

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 Voltage Range (full load)	180 ~ 430Vd.c.	280 ~ 430Vd.c.	330 ~ 430Vd.c.	180 ~ 480Vd.c.	230 ~ 480Vd.c.	280 ~ 480Vd.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					



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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					



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Model	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
PV terminal									
Vmax. PV	500Vd.c.				550Vd.c.				
MPPT Voltage Range	50-490Vd.c.				70-540Vd.c.				
MPPT Voltage Range (full load)	100 ~ 430Vd.c.	140 ~ 430Vd.c.	210 ~ 430Vd.c.	250 ~ 430Vd.c.	120 ~ 480Vd.c.	140 ~ 480Vd.c.	160 ~ 480Vd.c.	170 ~ 480Vd.c.	210 ~ 480Vd.c.
MPPT Tracker number	1				2				
Max. continuous PV input current per tracker	15Ad.c.				15/15Ad.c.				
Isc PV per tracker	20Ad.c.				20/20Ad.c.				
Grid terminal									
Rated voltage	220/230/240 Va.c.								
Rated frequency	50/60 Hz								
Maximum continuous output current	7.5Aa.c.	10Aa.c.	15Aa.c.	16Aa.c.	18.4Aa.c.	20Aa.c.	23Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	6.8/6.5/6.3 Aa.c.	9.1/8.7/8.3 Aa.c.	13.6/13.0/12.5 Aa.c.	16/15.7/15.0 Aa.c.	16.7/16/15.3 Aa.c.	18.2/17.4/16.7 Aa.c.	20.9/20.0/19.2 Aa.c.	22.7/21.7/20.8 Aa.c.	27.3/26.1/25.0 Aa.c.
Maximum output current	7.5/7.2/6.9 Aa.c.	10.0/9.6/9.2 Aa.c.	15.0/14.3/13.8 Aa.c.	16/15.7/15.0 Aa.c.	18.4/17.6/16.9 Aa.c.	20.0/19.1/18.3 Aa.c.	23.0/22.0/21.0 Aa.c.	25.0/23.9/22.9 Aa.c.	27.3/26.1/25.0 Aa.c.
Rated output power	1500W	2000W	3000W	3600W	3680W	4000W	4600W	5000W	6000W
Rated output Apparent power	1500VA	2000VA	3000VA	3600VA	3680VA	4000VA	4600VA	5000VA	6000VA
Maximum continuous output Apparent power	1650VA	2200VA	3300VA	3600VA	4048VA	4400VA	5060VA	5500VA	6000VA
Power factor (Cos phi),	0.8 leading ~ 0.8 lagging								

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adjustable	
Enclosure	IP65
Temperature Range	-25°C ~ +60°C (derating at 45°C)
Protective Class	I
Altitude	up to 4000 m

Model	VP 2KTL-S1/G2P	VP 3KTL-S1/G2P	VP 3.6KTL-S1/G2P
PV terminal			
Vmax. PV	500Vd.c.		
MPPT Voltage Range	50-490Vd.c.		
MPPT Voltage Range (full load)	140 ~ 430Vd.c.	210 ~ 430Vd.c.	250 ~ 430Vd.c.
MPPT Tracker number	1		
Max. continuous PV input current per tracker	15Ad.c.		
Isc PV per tracker	20Ad.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.
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.
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.
Rated output power	2000W	3000W	3600W
Rated output Apparent power	2000VA	3000VA	3600VA
Maximum continuous output Apparent power	2200VA	3300VA	3600VA
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		



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**Tested
according to:**

EN IEC 61000-6-1:2019
EN 61000-6-3:2007/A1:2011
EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019
EN 61000-3-12:2011
EN IEC 61000-3-11:2019
EN IEC 61000-3-2:2019
EN 61000-3-3:2013/A1:2019
EN 301 489-1 V2.2.3:2019
EN 301 489-17 V3.2.4:2020
EN 300 328 V2.2.2:2019
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