

Compliance Document

No. D 001965 0032 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.: 64290223075901

Date, 2022-09-29



(Billy Qiu)

Compliance Document

No. D 001965 0032 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
 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 Voltage Range (full load)	180 ~ 430 Vd.c.	280 ~ 430 Vd.c.	330 ~ 430 Vd.c.	180 ~ 480 Vd.c.	230 ~ 480 Vd.c.	280 ~ 480 Vd.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	230Va.c.					
Rated frequency	50Hz					
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.	20Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	8.7Aa.c.	13.0Aa.c.	15.7Aa.c.	17.4Aa.c.	21.7Aa.c.	26.1 Aa.c.
Maximum output current	8.7Aa.c.	13.0Aa.c.	15.7Aa.c.	17.4Aa.c.	21.7Aa.c.	26.1 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	0.9 leading ~ 0.9 lagging					

Compliance Document

No. D 001965 0032 Rev. 00

Model	SE 1.5KTL-S1/G2P	SE 2KTL-S1/G2P	SE 3KTL-S1/G2P	SE 3.6KTL-S1/G2P
PV terminal				
Vmax. PV	500Vd.c.			
MPPT Voltage Range	50-490Vd.c.			
MPPT Voltage Range (full load)	100 ~ 430 Vd.c.	140 ~ 430 Vd.c.	210 ~ 430 Vd.c.	250 ~ 430 Vd.c.
MPPT Tracker number	1			
Max. continuous PV input current per tracker	15Ad.c.			
Isc PV per tracker	20Ad.c.			
Grid terminal				
Rated voltage	230Va.c.			
Rated frequency	50Hz			
Maximum continuous output current	7.5Aa.c.	10Aa.c.	15Aa.c.	16Aa.c.
Rated output current	6.5Aa.c.	8.7Aa.c.	13.0Aa.c.	15.7Aa.c.
Maximum output current	7.2Aa.c.	9.6Aa.c.	14.3Aa.c.	15.7Aa.c.
Rated output power	1500W	2000W	3000W	3600W
Rated output Apparent power	1500VA	2000VA	3000VA	3600VA
Maximum continuous output Apparent power	1650VA	2200VA	3300VA	3600VA
Power factor (Cos phi), adjustable	0.9 leading ~ 0.9 lagging			

Compliance Document

No. D 001965 0032 Rev. 00

Model	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	550Vd.c.				
MPPT Voltage Range	70-540Vd.c.				
MPPT Voltage Range (full load)	120 ~ 480 Vd.c.	140 ~ 480 Vd.c.	160 ~ 480 Vd.c.	170 ~ 480 Vd.c.	210 ~ 480 Vd.c.
MPPT Tracker number	2				
Max. continuous PV input current per tracker	15/15Ad.c.				
Isc PV per tracker	20/20Ad.c.				
Grid terminal					
Rated voltage	230Va.c.				
Rated frequency	50Hz				
Maximum continuous output current	18.4Aa.c.	20Aa.c.	23Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	16Aa.c.	17.4 Aa.c.	20.0Aa.c.	21.7Aa.c.	26.1Aa.c.
Maximum output current	17.6Aa.c.	19.1Aa.c.	22.0Aa.c.	23.9Aa.c.	26.1Aa.c.
Rated output power	3680W	4000W	4600W	5000W	6000W
Rated output Apparent power	3680VA	4000VA	4600VA	5000VA	6000VA
Maximum continuous output Apparent power	4048VA	4400VA	5060VA	5500VA	6000VA
Power factor (Cos phi), adjustable	0.9 leading ~ 0.9 lagging				

Compliance Document

No. D 001965 0032 Rev. 00

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	230Va.c.		
Rated frequency	50Hz		
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.
Rated output current	8.7Aa.c.	13.0Aa.c.	15.7Aa.c.
Maximum output current	9.6Aa.c.	14.3Aa.c.	15.7Aa.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	0.9 leading ~ 0.9 lagging		

Tested according to:

EN 50549-1:2019/AC:2019