



Product Service

# Compliance Document

No. D 001965 0022 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 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290203091702

**Date,** 2022-09-29

( Billy Qiu )

# Compliance Document

No. D 001965 0022 Rev. 01

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	240Va.c.					
Rated frequency	60Hz					
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.	20Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	8.3Aa.c.	12.5Aa.c.	15.0Aa.c.	16.7Aa.c.	20.8Aa.c.	25.0Aa.c.
Maximum output current	9.2Aa.c.	13.8Aa.c.	15.0Aa.c.	18.3Aa.c.	22.9Aa.c.	25.0Aa.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					

# Compliance Document

No. D 001965 0022 Rev. 01

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	240Va.c.			
Rated frequency	60Hz			
Maximum continuous output current	7.5 Aa.c.	10 Aa.c.	15 Aa.c.	16 Aa.c.
Rated output current	6.3 Aa.c.	8.3 Aa.c.	12.5 Aa.c.	15.0 Aa.c.
Maximum output current	6.9 Aa.c.	9.2 Aa.c.	13.8 Aa.c.	15.0 Aa.c.
Rated output power	1500W	2000W	3000W	3600W
Rated output Apparent power	1500 VA	2000 VA	3000 VA	3600 VA
Maximum continuous output Apparent power	1650 VA	2200 VA	3300 VA	3600 VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging			

# Compliance Document

No. D 001965 0022 Rev. 01

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	240Va.c.				
Rated frequency	60Hz				
Maximum continuous output current	18.4 Aa.c.	20 Aa.c.	23 Aa.c.	25 Aa.c.	27.3 Aa.c.
Rated output current	15.3 Aa.c.	16.7 Aa.c.	19.2 Aa.c.	20.8 Aa.c.	25.0 Aa.c.
Maximum output current	16.9 Aa.c.	18.3 Aa.c.	21.0 Aa.c.	22.9 Aa.c.	25.0 Aa.c.
Rated output power	3680W	4000W	4600W	5000W	6000W
Rated output Apparent power	3680 VA	4000 VA	4600 VA	5000 VA	6000 VA
Maximum continuous output Apparent power	4048 VA	4400 VA	5060 VA	5500 VA	6000 VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging				

# Compliance Document

No. D 001965 0022 Rev. 01

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	240Va.c.		
Rated frequency	60Hz		
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.
Rated output current	8.3Aa.c.	12.5Aa.c.	15.0Aa.c.
Maximum output current	9.2Aa.c.	13.8Aa.c.	15.0Aa.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		

**Tested according to:**

IEEE 1547:2003/A1:2014-05  
 IEEE 1547.1:2005/A1:2015-03  
 IEEE 519:2014