

# Compliance Document

No. D 087538 0004 Rev. 01

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

**Product:** **Converter**  
**(Photovoltaic grid-connected 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.:** 64290233003302

**Date,** 2023-09-01



( 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	SE 5KTL-D3/G2	SE 6KTL-D3/G2	SE 8KTL-D3/G2	SE 10KTL-D3/G2	SE 10KTL-D3/G2P	SE 12KTL-D3/G2
PV terminal						
Nominal Voltage	620 Vd.c.					
Vmax. PV	1100Vd.c.					
MPPT Voltage Range	160-1000 Vd.c.					
MPPT Voltage Range (full load)	170-850 Vd.c.	210-850 Vd.c.	270-850 Vd.c.	340-850 Vd.c.	510-850 Vd.c.	270-850 Vd.c.
MPPT Tracker number	2					
Max. continuous PV input current per tracker	15/15Ad.c.				15/30Ad.c.	
Isc PV per tracker	20/20Ad.c.				20/40Ad.c.	
Grid terminal						
Rated voltage	230/400 Va.c., 3W+N+PE					
Rated frequency	50 Hz					
Maximum continuous output current	8.4 Aa.c.	10.1 Aa.c.	13.4 Aa.c.	17 Aa.c.	16.8 Aa.c.	20.2 Aa.c.
Rated output current	7.2 Aa.c.	8.7 Aa.c.	11.6 Aa.c.	14.5 Aa.c.	14.5 Aa.c.	17.4 Aa.c.
Rated output power	5000W	6000W	8000W	10000W	10000W	12000W
Maximum continuous output Apparent power	5500VA	6600VA	8800VA	11200VA	11000VA	13200VA
Power factor	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)					

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Model	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
PV terminal							
Nominal Voltage	620 Vd.c.						
Vmax. PV	1100Vd.c.						
MPPT Voltage Range	160-1000 Vd.c.						
MPPT Voltage Range (full load)	340-850 Vd.c.	380-850 Vd.c.	290-850 Vd.c.	340-850 Vd.c.	380-850 Vd.c.	430-850 Vd.c.	510-850 Vd.c.
MPPT Tracker number	2						
Max. continuous PV input current per tracker	15/30 Ad.c.	30/30Ad.c.					40/30 Ad.c.
Isc PV per tracker	20/40 Ad.c.	40/40Ad.c.					50/37.5 Ad.c.
Grid terminal							
Rated voltage	230/400 Va.c., 3W+N+PE						
Rated frequency	50 Hz						
Maximum continuous output current	25.3 Aa.c.	25.3 Aa.c.	28.6 Aa.c.	33.7 Aa.c.	37 Aa.c.	39.8 Aa.c.	50.2 Aa.c.
Rated output current	21.7 Aa.c.	21.7 Aa.c.	24.6 Aa.c.	29 Aa.c.	31.9 Aa.c.	36.2 Aa.c.	43.5 Aa.c.
Rated output power	15000W	15000W	17000W	20000W	22000W	25000W	30000W
Maximum continuous output Apparent power	16700VA	16500VA	18700VA	22000VA	24200VA	27500VA	33000VA
Power factor	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)						

**Tested according to:**

IEC 61683:1999