

Compliance Document

No. D 087538 0015 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.: 64290233003901

Date, 2023-04-14



(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 Name	SE 5KTL-D3/G2	SE 6KTL-D3/G2	SE 8KTL-D3/G2	SE 10KTL-D3/G2	SE 10KTL-D3/G2P
PV input terminal parameters					
Maximum Input Voltage	1100 V d.c.				
MPPT Voltage Range	160 V d.c. -1000 V d.c.				
MPPT Tracker number	1/1			1/2	
Maximum Input Current	15/15 A d.c.			15/30 A d.c.	
Maximum Shorted-Circuit Current	20/20 A d.c.			20/40 A d.c.	
AC output terminal parameters					
Rated Output Voltage	3/N/PE~, 230/400 V a.c.				
Rated Output Current	7.2 A.a.c.	8.7 A.a.c.	11.6 A.a.c.	14.5 A.a.c.	14.5 A.a.c.
Maximum Output Current	8.4 A a.c.	10.1 A a.c.	13.4 A a.c.	17.0 A a.c.	16.8 A a.c.
Rated Output Power	5000 W	6000 W	8000 W	10000 W	10000 W
Maximum Output Power	5500 W	6600 W	8800 W	11200 W	11000 W
Maximum Output Apparent Power	5500 VA	6600 VA	8800 VA	11200 VA	11000 VA
Rated Output Frequency	50 Hz				
Power Factor	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)				

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Model Name	SE 12KTL-D3/G2	SE 15KTL-D3/G2	SE 15KTL-D3/G2P	SE 17KTL-D3/G2
PV input terminal parameters				
Maximum Input Voltage	1100 V d.c.			
MPPT Voltage Range	160 V d.c.-1000 V d.c.			
MPPT Tracker number	1/2	1/2	2/2	2/2
Maximum Input Current	15/30 A d.c.		30/30 A d.c.	
Maximum Shorted-Circuit Current	20/40 A d.c.		40/40 A d.c.	
AC output terminal parameters				
Rated Output Voltage	3/N/PE~, 230/400 V a.c.			
Rated Output Current	17.4 A a.c.	21.7 A a.c.	21.7 A a.c.	24.6 A a.c.
Maximum Output Current	20.2 A a.c.	25.3 A a.c.	25.3 A a.c.	28.6 A a.c.
Rated Output Power	12000 W	15000 W	15000 W	17000 W
Maximum Output Power	13500 W	16500 W	16500 W	18700 W
Maximum Output Apparent Power	13200 VA	16700 VA	16500 VA	18700 VA
Rated Output Frequency	50 Hz			
Power Factor	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)			

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Model Name	SE 20KTL-D3/G2	SE 22KTL-D3/G2	SE 25KTL-D3/G2	SE 30KTL-D3/G2
PV input terminal parameters				
Maximum Input Voltage	1100 V d.c.			
MPPT Voltage Range	160 V d.c.-1000 V d.c.			
MPPT Tracker number	2/2	2/2	2/2	2/2
Maximum Input Current	30/30 A d.c.			40/30 A d.c.
Maximum Shorted-Circuit Current	40/40 A d.c.			50/37.5 A d.c.
AC output terminal parameters				
Rated Output Voltage	3/N/PE~, 230/400 V a.c.			
Rated Output Current	29.0 A a.c.	31.9 A a.c.	36.2 A a.c.	43.5 A a.c.
Maximum Output Current	33.7 A a.c.	37.0 A a.c.	39.8 A a.c.	50.2 A a.c.
Rated Output Power	20000W	22000W	25000W	30000W
Maximum Output Power	22000 W	24200 W	27500 W	33000 W
Maximum Output Apparent Power	22000 VA	24200 VA	27500 VA	33000 VA
Rated Output Frequency	50 Hz			
Power Factor	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)			

Tested according to:

IEC 61727:2004
IEC 62116:2014