

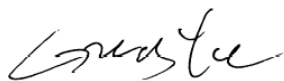
Certificate of Conformity

Certificate Number: CN-PV-220038

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	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:	Grid-Tied Solar Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
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
Brand Name<s>:	
Product Complies with:	IEEE 1547: 2003, IEEE 1547a:2014 & IEEE 1547.1: 2005+ A1: 2015 IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems UL 1741: 2010 Ed.2 +R: 16 Sep 2020 Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Report No.<s>:	211220101GZU-001, 211220101GZU-002

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 28 January 2022

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220038

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	240Va.c.					
Rated frequency	60 Hz					
Maximum continuous output current	10.0Aa.c.	15.0Aa.c.	16.0Aa.c.	20.0Aa.c.	25.0Aa.c.	27.3Aa.c.
Rated output current	8.4Aa.c.	12.5Aa.c.	15.0Aa.c.	16.7Aa.c.	20.8Aa.c.	25.0Aa.c.
Rated output power	2000W	3000W	3600W	4000W	5000W	6000W
Maximum continuous output Apparent power	2200VA	3300VA	3600VA	4400VA	5500VA	6000VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging					
Temperature range	-25°C - 60°C					
Protective Class	Class I					
Software version	CN0101					

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