

Certificate of Conformity

Certificate Number: CN-PV-230149

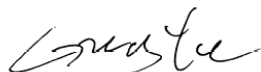
On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). 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. Block D, BC Park, No.18, Xiusha Rd., Shatian, Kengzi Sub-district, Pingshan District, 518112 Shenzhen P.R. China
Product:	Grid-Tied Solar Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SE 5KTL-D3/G2, SE 6KTL-D3/G2, SE 8KTL-D3/G2, SE 10KTL-D3/G2, SE 10K1TL-D3/G2, SE 10KTL-D3/G2P, SE 10K1TL-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
Brand Name<s>:	
Product Complies with:	EN 50549-1: 2019, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type B Type approval for type B and with deviations according to the national network and interface protection for Portugal, Netherlands, Poland, Turkey and Finland
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 Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230307112GZU-001

According to Annex H of the standard EN 50549-1:2019, generating plants compliant with the clauses of this European Standard are considered to be compliant with the relevant Article of COMMISSION REGULATION (EU) 2016/631, provided, that all settings as provided by the DSO and the responsible party are complied with.

Additional information in Appendix.

Signature



Certification Manager: Grady Ye

Date: 6 April 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230149.

Model/Type reference.....	SE 5KTL-D3/G2	SE 6KTL-D3/G2	SE 8KTL-D3/G2	SE 10KTL-D3/G2	SE 10K1TL-D3/G2
Max. Input DC voltage (V)	1100 Vd.c.				
MPP DC voltage range(V)	160-1000 Vd.c.				
Full load MPPT input voltage range [V]	170-850 Vd.c.	210-850 Vd.c.	270-850 Vd.c.	340-850 Vd.c.	340-850 Vd.c.
Max. Input DC current (A)	15Ad.c./ 15Ad.c.				
Shorted Input Current [A]	20 Ad.c. / 20 Ad.c.				
Nominal output AC voltage [V]	3~+N+PE, 380/400/415Va.c, 50/60Hz				
Nominal output AC current [A].....	7.2	8.7	11.6	14.5	14.5
Max. output AC current [A]	8.4	10.1	13.4	17.0	17.0
Nominal active output power [W]..	5000	6000	8000	10000	10100
Max. apparent output power [VA].	5500	6600	8800	11200	11200

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Model/Type reference.....	SE 10KTL-D3/G2P	SE 10K1TL-D3/G2P	SE 12KTL-D3/G2	SE 15KTL-D3/G2
Max. Input DC voltage (V)	1100 Vd.c.			
MPP DC voltage range(V)	160-1000 Vd.c.			
Full load MPPT input voltage range [V]	510-850 Vd.c.	510-850 Vd.c.	270-850 Vd.c.	340-850 Vd.c.
Max. Input DC current (A)	15Ad.c./ 30Ad.c.			
Shorted Input Current [A]	20 Ad.c. / 40 Ad.c.			
Nominal output AC voltage [V]	3~+N+PE, 380/400/415Va.c, 50/60Hz			
Nominal output AC current [A].....	14.5 A	14.5 A	17.4 A	21.7 A
Max. output AC current [A]	16.8 A	16.8 A	20.2 A	25.3 A
Nominal active output power [W]..	10000	10100	12000	15000
Max. apparent output power [VA].	11000	11000	13200	16700

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Model/Type reference.....	SE 15KTL-D3/G2P	SE 17KTL-D3/G2	SE 20KTL-D3/G2	SE 22KTL-D3/G2	SE 25KTL-D3/G2
Max. Input DC voltage (V)	1100 Vd.c.				
MPP DC voltage range(V)	160-1000 Vd.c.				
Full load MPPT input voltage range [V]	380-850 Vd.c.	290-850 Vd.c.	340-850 Vd.c.	380-850 Vd.c.	430-850 Vd.c.
Max. Input DC current (A)	30Ad.c./ 30Ad.c.				
Shorted Input Current [A]	40 Ad.c. / 40 Ad.c.				
Nominal output AC voltage [V]	3~+N+PE, 380/400/415Va.c, 50/60Hz				
Nominal output AC current [A].....	21.7 A	24.6 A	29.0 A	31.9 A	36.2 A
Max. output AC current [A]	25.3 A	28.6 A	33.7 A	37.0 A	39.8 A
Nominal active output power [W]..	15000	17000	20000	22000	25000
Max. apparent output power [VA].	16500	18700	22000	24200	27500

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