

Certificate of Conformity

Certificate Number: CN-PV-220159

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:	INVT Solar Technology (Shenzhen) Co., Ltd. 6 th Floor, Block A, INVT Guangming Technology Building, Kejie Fourth Road, Shutianpu Community, Matian Guangming District, 518000 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Product:	Hybrid Solar Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	BD3KTL-RL1, BD3K6TL-RL1
Brand Name<s>:	invt
Product Complies with:	G98 Issue 1 Amendment 6, 1 September 2021 Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage Distribution Networks
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>:	220728051GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 01 September 2022



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220159.

MODEL	BD3KTL-RL1	BD3K6TL-RL1
Max.DC input voltage	550Vdc	
MPPT voltage range	125~500Vdc	
Max.PV Isc	17.5A*2	
Rated battery voltage	40V-58V	
Max.charging current	95A	
Max.Discharging current	62.5A	76.6A
Rated grid voltage	230V,50/60Hz	
Rated output voltage	230V,50/60Hz	
Nominal output current	13A	16A
Power Factor	0.99 Leading – 0.99 lagging	
Rated output power	3000W	3680W
Max.Backup current	13A	16A
Max.Backup apparent power	3KVA	3.68KVA
Ambient Temperature	-25~ +60°C	
Protection Degree	IP65	
Protection Class	Class I	
Inverter topology	Non-Isolated	
Oversoltage Category	AC III, DC II	
safety firmware version:	V1.0	

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