

Certificate of Conformity

Certificate Number: CN-PV-240002

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:	Zucchetti Centro Sistemi SpA Via Lungarno 305/A 52028 Terranuova Bracciolini (AR), Italy
Product:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	AZZURRO 3PH 25KTL-V3, AZZURRO 3PH 30KTL-V3, AZZURRO 3PH 33KTL-V3, AZZURRO 3PH 36KTL-V3, AZZURRO 3PH 40KTL-V3, AZZURRO 3PH 45KTL-V3, AZZURRO 3PH 50KTL-V3
Brand Name<s>:	
Product Complies with:	CEI 0-21:2022-03 + V1:2022-11: Reference technical rules for connection of active and passive users to the LV electrical Utilities Type approval for Type B
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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>:	231130171GZU-001, 14 Dec 2023 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 03 Jan. 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-240002.

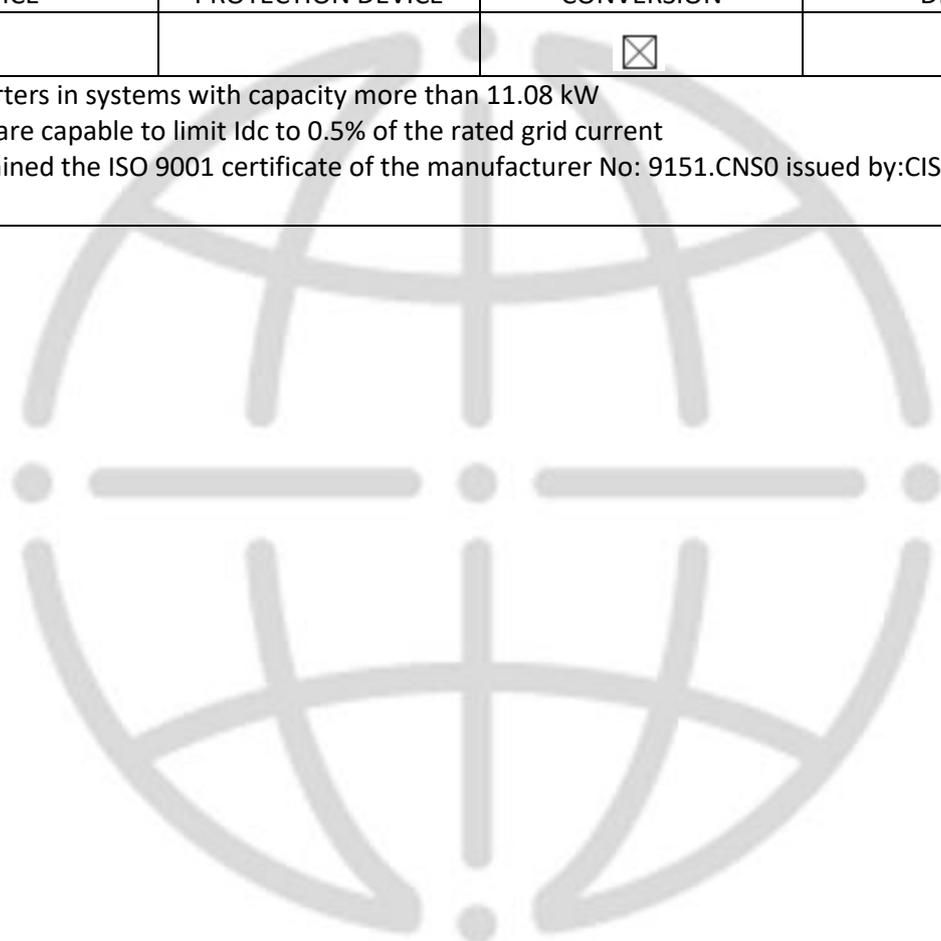
Model	AZZURRO 3PH 25KTL- V3	AZZURRO 3PH 30KTL- V3	AZZURRO 3PH 33KTL- V3	AZZURRO 3PH 36KTL- V3	AZZURRO 3PH 40KTL- V3	AZZURRO 3PH 45KTL- V3	AZZURRO 3PH 50KTL- V3
Max. DC input Voltage[dc]	1100Vdc						
Operating MPPT Voltage Range[dc]	180-1000Vdc						
Max. input Current	3*40A				4*40A		
Max. PV Isc	3*50A				4*50A		
Rated Grid voltage[ac]	3/N/PE, 220/230V						
Max. output current	42.4 A	51.5 A	56 A	60.6 A	66.7 A	75.8 A	83.3 A
Rated Grid Frequency	50/60Hz						
Rated AC Output power	25 kW	30 kW	33 kW	36 kW	40 kW	45 kW	50 kW
Max. AC Output power	28 kVA	34 kVA	37 kVA	40 kVA	44 kVA	50 kVA	55 kVA
Power Factor	1 default (adjustable+/-0.8)						
Ingress Protection	IP65						
Operating Temperature Range	-30°C - +60°C						
Protective Class	Class I						
Inverter Topology	Non-isolated						
Overvoltage Category	DC II, AC III						
Software Version	V000001						

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TYPE OF APPARATUS: Solar Grid-tied inverter			
Number of phases: Three-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
		<input checked="" type="checkbox"/>	
<p>Static converters in systems with capacity more than 11.08 kW The devices are capable to limit Idc to 0.5% of the rated grid current Having examined the ISO 9001 certificate of the manufacturer No: 9151.CNS0 issued by: CISQ/IMQ</p>			



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