


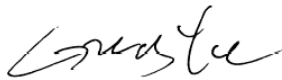
Certificate of Conformity

Certificate Number: CN-PV-200155

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

Applicant Name & Address:	Zucchetti Centro Sistemi SpA Via Lungarno 305/A 52028 Terranuova Bracciolini (AR) Italy
Product Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	AZZURRO 3PH 3.3KTL-V1, AZZURRO 3PH 4.4KTL-V1, AZZURRO 3PH 5KTL-V1, AZZURRO 3PH 5.5KTL-V1, AZZURRO 3PH 6.6KTL-V1, AZZURRO 3PH 8.8KTL-V1, AZZURRO 3PH 11KTL-V1, AZZURRO 3PH 12KTL-V1SOFAR SOLAR
Brand Name:	
Specification/Standard:	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 Compliant with COMMISSION REGULATION (EU) 2016/631 (NC RfG) Type approval for type B
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 Number:	201022060GZU-001

Additional information in Appendix.



Signature

Name: Grady Ye

Position: Certifier

Date: 26 Nov 2020

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200155.

Ratings & Principle Characteristics:

MODEL	AZZURRO 3PH 3.3 KTL-V1	AZZURRO 3PH 4.4 KTL-V1	AZZURRO 3PH 5 KTL-V1	AZZURRO 3PH 5.5 KTL-V1	AZZURRO 3PH 6.6 KTL-V1
Max PV voltage	1000Vdc				
MPPT Voltage range	160-960Vdc				
Max. input current	11/11A				
PV Isc	14/14A				
Max power(VA)	3300	4400	5000	5500	6600
Max output current	3x4.8 A	3x6.4 A	3x8.0A	3x8.0 A	3x9.6 A
Output voltage	3W/N/PE 230Vac/400Vac				
Nominal Frequency	50 Hz				
Power Factor	0.8 Leading to 0.8 Lagging				
Ambient Temperature	-25°C - +60°C				
Protection Degree	IP65				
Protection Class	Class I				
MODEL	AZZURRO 3PH 8.8KTL-V1	AZZURRO 3PH 11KTL- V1	AZZURRO 3PH 12KTL- V1		
Max PV voltage	1000Vdc				
MPPT Voltage range	160-960Vdc				
Max. input current	11/11A				
PV Isc	14/14A				
Max power(VA)	8800	11000	13200		
Max output current	3x12.8 A	3x15.9 A	3x19.1 A		
Output voltage	3W/N/PE 230Vac/400Vac				
Nominal Frequency	50 Hz				
Power Factor	0.8 Leading to 0.8 Lagging				
Ambient Temperature	-25°C - +60°C				
Protection Degree	IP65				
Protection Class	Class I				
Software Version	V 1.00				

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