



Test Verification of Conformity

Verification Number: 201022060GZU-VOC001

On the basis of the referenced test reports, sample tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test reports and should be read in conjunction with them.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

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 Appendix: Test Verification 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-V1
Brand Name:	
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	22 Oct 2020 – 11 Nov 2020
Test Report Number(s):	201022060GZU-003 201022060GZU-004

Additional information in Appendix.



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 12 November 2020

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 201022060GZU-VOC001

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	3x8.0A	3x9.6A
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				



Signature

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Position: Technical Manager

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