

Test Verification of Conformity

Verification Number: 210727048GZU-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-V3, AZZURRO 3PH 4.4KTL-V3, AZZURRO 3PH 5.5KTL-V3, AZZURRO 3PH 6.6KTL-V3 AZZURRO 3PH 8.8KTL-V3, AZZURRO 3PH 11KTL-V3 AZZURRO 3PH 12KTL-V3, AZZURRO 3PH 5KTL-V3-A AZZURRO 3PH 8.8KTL-V3-A, AZZURRO 3PH 10KTL-V3-A AZZURRO 3PH 11KTL-V3-A
Brand Name:	
Relevant Standards/Directives:	See Appendix: Test Verification of Conformity
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:	28 Jul 2021 – 15 Sep 2021
Test Report Number(s):	210727048GZU-005, 210727048GZU-006
Additional information in Appendix.	



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 18 October 2021

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210727048GZU-VOC001

Ratings & Principle Characteristics:

MODEL	AZZURRO 3PH 3.3KTL-V3	AZZURRO 3PH 4.4KTL-V3	AZZURRO 3PH 5KTL- V3-A	AZZURRO 3PH 5.5KTL-V3
Max PV voltage	1100Vdc			
MPPT Voltage range	140-1000Vdc			
Max. input current	15/15A			
PV Isc	22.5/22.5A			
Rated power(W)	3000	4000	5000	5000
Max.apparent power (VA)	3300	4400	5000	5500
Max output current	3×5.0 A	3×6.7 A	3×7.6 A	3×8.3 A
Output voltage	3W/N/PE 220Vac/380Vac, 230Vac/400Vac			
Nominal Frequency	50/60 Hz			
Power Factor	1 default (adjustable+/-0.8)			
Ambient Temperature	-30°C - +60°C			
Protection Degree	IP65			
Protection Class	Class I			
Software Version	V000001			



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Ratings & Principle Characteristics:

MODEL	AZZURRO 3PH 6.6KTL-V3	AZZURRO 3PH 8.8KTL-V3	AZZURRO 3PH 8.8KTL-V3- A	AZZURRO 3PH 10KTL-V3- A
Max PV voltage	1100Vdc			
MPPT Voltage range	140-1000Vdc			
Max. input current	15/15A		15/30A	
PV Isc	22.5/22.5A		22.5A/45A	
Rated power(W)	6000	8000	8000	10000
Max.apparent power (VA)	6600	8800	8800	10000
Max output current	3×10.0 A	3×13.3 A	3×13.3 A	3×15.2 A
Output voltage	3W/N/PE 220Vac/380Vac, 230Vac/400Vac			
Nominal Frequency	50/60 Hz			
Power Factor	1 default (adjustable+/-0.8)			
Ambient Temperature	-30°C - +60°C			
Protection Degree	IP65			
Protection Class	Class I			
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Ratings & Principle Characteristics:

MODEL	AZZURRO 3PH 11KTL-V3	AZZURRO 3PH 11KTL-V3-A	AZZURRO 3PH 12KTL-V3
Max PV voltage	1100Vdc		
MPPT Voltage range	140-1000Vdc		
Max. input current	15A/15A	15A/30A	
PV Isc	22.5/22.5A	22.5A/45A	
Rated power(W)	10000	10000	12000
Max.apparent power (VA)	11000	11000	13200
Max output current	3×16.7 A	3×16.7 A	3×20.0 A
Output voltage	3W/N/PE 220Vac/380Vac, 230Vac/400Vac		
Nominal Frequency	50/60 Hz		
Power Factor	1 default (adjustable+/-0.8)		
Ambient Temperature	-30°C - +60°C		
Protection Degree	IP65		
Protection Class	Class I		
Software Version	V000001		

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



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