


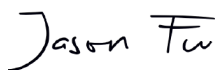
Test Verification of Conformity

Verification Number: 221116037GZU-VOC001

On the basis of the referenced test report(s), sample(s) 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 report(s) and should be read in conjunction with it <them>. This verification replaces previous verification dated: 07-06-2022: 220321031GZU-VOC001

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:	Hybrid Inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models/Type References:	AZZURRO 1PH HYD3000 ZP1, AZZURRO 1PH HYD3680 ZP1, AZZURRO 1PH HYD4000 ZP1, AZZURRO 1PH HYD4600 ZP1, AZZURRO 1PH HYD5000 ZP1, AZZURRO 1PH HYD6000 ZP1
Brand Name:	
Relevant Standards/Directives:	IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter 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:	2022-07-25 to 2022-07-29
Test Report Number(s):	221116037GZU-001, 221116037GZU-002
Additional information in Appendix.	



Signature

Name: Jason Fu

Position: Supervisor

Date: 16 Feb 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 221116037GZU-VOC001

Ratings & Principle
Characteristics:

MODEL	AZZURRO 1PH HYD3000 ZP1	AZZURRO 1PH HYD3680 ZP1	AZZURRO 1PH HYD4000 ZP1	AZZURRO 1PH HYD4600 ZP1
Max.DC input voltage	550Vdc			
MPPT voltage range	85~520Vdc			
Max.PV Isc	2*22.5A			
Rated battery voltage	400V			
Max.charging/discharging current	20A			
Max.charging/discharging power	3000W	3680W	4000W	4600W
Rated grid voltage	230V,50Hz			
Rated output voltage	230V,50/60Hz			
Max.output current	15A	16A	20A	20.9A
Power Factor	1 default (adjustable+/-0.8)			
Rated output power	3000W	3680W	4000W	4600W
Backup Rated Current	13A	16A	17.4A	20A
Backup Rated Apparent Power	3000VA	3680VA	4000VA	4600VA
Ambient Temperature	-10~ +50°C			
Protection Degree	IP65			
Protection Class	Class I			
Inverter topology	Non-Isolated			
Overvoltage Category	AC III, DC II			
Firmware version:	V000001			

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 16 Feb 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 221116037GZU-VOC001

Ratings & Principle
Characteristics:

MODEL	AZZURRO 1PH HYD5000 ZP1	AZZURRO 1PH HYD6000 ZP1
Max.DC input voltage	550Vdc	
MPPT voltage range	85~520Vdc	
Max.PV Isc	2*22.5A	
Rated battery voltage	400V	
Max.charging/discharging current	20A	
Max.charging/discharging power	5000W	6000W
Rated grid voltage	230V,50Hz	
Rated output voltage	230V,50/60Hz	
Max.output current	25A	30A
Power Factor	1 default (adjustable+/-0.8)	
Rated output power	5000W	6000W
Backup Rated Current	21.7A	26A
Backup Rated Apparent Power	5000VA	6000VA
Ambient Temperature	-10~ +50℃	
Protection Degree	IP65	
Protection Class	Class I	
Inverter topology	Non-Isolated	
Overvoltage Category	AC III, DC II	
Firmware version:	V000001	

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

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