

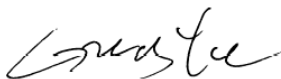
Certificate of Conformity

Certificate Number: CN-PV-200161

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:	Hybrid inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	AZZURRO 1PH HYD6000 ZSS, AZZURRO 1PH HYD5000 ZSS, AZZURRO 1PH HYD4000 ZSS, AZZURRO 1PH HYD4600 ZSS AZZURRO 1PH HYD3600 ZSS, AZZURRO 1PH HYD3000 ZSS
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:	201022047GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 4 December 2020

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200161.

Ratings & Principle Characteristics:

Model	AZZURRO 1PH HYD3000 ZSS	AZZURRO 1PH HYD3600 ZSS	AZZURRO 1PH HYD4000 ZSS	AZZURRO 1PH HYD4600 ZSS	AZZURRO 1PH HYD5000 ZSS	AZZURRO 1PH HYD6000 ZSS
Max. DC Input Voltage	600 d.c.V					
Max. PV Isc	2 X 15 d.c.A					
Battery Type	Lead-acid, Lithium-ion					
Battery Voltage Range	42-58 d.c.V					
Max. Charging Current	65 d.c.A					
Max. Discharging Current	70 d.c.A					
Max. Charging & Discharging Power	3000VA					
Nominal Grid voltage	230 a.c.V					
Nominal Output Voltage (backup)	230 a.c.V					
Max. output current	13.7 a.c.A	16 a.c.A	18.2 a.c.A	21.0 a.c.A	22.8 a.c.A	27.3 a.c.A
Nominal Grid Frequency	50Hz					
Power Factor	1 (adjustable +/-0.8)					
Nominal output power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA

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Nominal output power for charging battery	3300VA					
Backup Rated current	13.2 a.c.A					
Backup Rated Apparent Power	3000VA					
Ingress Protection	IP 65					
Protective Class	Class I					
Operating temperature range	-25 ~ +60°C					
Software Version	V2.00					

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