

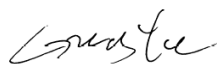
Certificate of Conformity

Certificate Number: CN-PV-230102

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

Applicant:	Zucchetti Centro Sistemi SpA Via Lungarno 305/A 52028 Terranuova Bracciolini (AR), Italy
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	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<s>:	
Product Complies with:	TOR Erzeuger Type A version 1.2, 18 April 2022 OVE-Richtlinie R 25:2020 Connection and parallel operation of power generation plants of type A and of small generation plants (maximum capacity <250 kW and nominal voltage <110kV)
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 Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	221116037GZU-015

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 16 March 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230102.

MODEL	AZZURRO 1PH HYD3000 ZP1	AZZURRO 1PH HYD3680 ZP1	AZZURRO 1PH HYD4000 ZP1	AZZURRO 1PH HYD4600 ZP1	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	3000W	3680W	4000W	4600W	5000W	6000W
Rated grid voltage	230V,50Hz					
Rated output current	13.0A	16.0A	17.4A	20.0A	21.7A	26.1A
Max.output current	15A	16A	20A	20.9A	25A	30A
Power Factor	1 default (adjustable+/-0.8)					
Rated output power	3000W	3680W	4000W	4600W	5000W	6000W
Rated Apparent Power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA
Backup Rated Current	13A	16A	17.4A	20A	21.7A	26A
Backup Rated Apparent Power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA
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					

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