

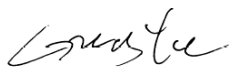
Certificate of Conformity

Certificate Number: CN-PV-210226

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 3PH HYD5000 ZSS, AZZURRO 3PH HYD6000 ZSS, AZZURRO 3PH HYD8000 ZSS, AZZURRO 3PH HYD10000 ZSS, AZZURRO 3PH HYD15000 ZSS, AZZURRO 3PH HYD20000 ZSS
Brand Name:	
Specification/Standard:	TOR Erzeuger Typ A Version 1.1:12.12.2019 OVE-Richtlinie R 25:2020-03-01 Connection and parallel operation of power generation plants of type A and of small generation plants (maximum capacity <250 kW and nominal voltage <110 kV)
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Report Number:	210727058GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 14 September 2021

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210226

Model	AZZURRO 3PH HYD5000 ZSS	AZZURRO 3PH HYD6000 ZSS	AZZURRO 3PH HYD8000 ZSS	AZZURRO 3PH HYD10000 ZSS	AZZURRO 3PH HYD15000 ZSS	AZZURRO 3PH HYD20000 ZSS
Specifications						
Input data (PV)						
Max. DC voltage	1000V					
MPP voltage range	180~960V					
No. of MPP trackers	2					
Max. input current per MPP trackers	12.5/12.5A			25/25A		
Max. short-circuit current per MPP trackers	15A/15A			30A/30A		
Output data/(Input data (AC))						
Max. AC apparent power	5500VA /10000VA	6600VA/ 12000VA	8800VA/ 16000VA	11000VA/ 20000VA	16500VA/ 30000VA	22000VA/ 40000VA
Nominal AC voltage	3W+N+PE, 230V/400V;					
AC grid frequency	50Hz					
Max. current	8A/15A	10A/17A	13A/24A	16A/29A	24A/44A	32A/58A
Power factor	1(adjustable +/-0.8)					
Stand alone(AC power)						
Max. AC apparent power	5500VA	6600VA	8800VA	11000VA	16500VA	22000 VA
Nominal AC voltage	3W+N+PE , 220/380, 230V/400V;					
Nominal AC frequency	50/60Hz					
Max. output current	8.0A	10A	13A	16A	24A	32A
Battery data (DC)						
Battery voltage range	180~800V					
Max. charging / discharging current	25A			25A/25A		
Type of battery	lithium battery					
Others						
Technology	Transformerless					
Protection degree	IP 65					
Operating temperature range	-25 °C ~ +60 °C With derating above 45 °C					
Pollution degree	II					
Protective Class	Class I					
Software Version	V1.0					

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