


Certificate of Conformity

Certificate Number: CN-PV-230096

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:	Anti-backflow system
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:	UNE 217001:2020 Tests for systems that avoid the discharge of energy to the distribution network
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-014
Additional information in Appendix.	



Signature

Certification Manager: Grady Ye

Date: 13 March 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230096.

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 current	13.0A	16.0A	17.4A	20.0A
Max.output current	15A	16A	20A	20.9A
Power Factor	1 default (adjustable+/-0.8)			
Rated output power	3000W	3680W	4000W	4600W
Rated Apparent Power	3000VA	3680VA	4000VA	4600VA
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			

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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 current	21.7A	26.1A
Max.output current	25A	30A
Power Factor	1 default (adjustable+/-0.8)	
Rated output power	5000W	6000W
Rated Apparent Power	5000VA	6000VA
Backup Rated Current	21.7A	26A
Backup Rated Apparent Power	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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Type of appliance/ Installation	Single-Phase Smart meter / DIN-Rail
Manufacturer / Distributor / Installer	Zhejiang CHINT Instrument&Meter Co., Ltd.
Brand	CHINT
Model/Type	DDSU666
Rating	230Vac, 0.05~1.5(6)A with CT (Ratio 40:1), 50/60Hz, 800imp/kWh Power accuracy: Active Class 0.5S, Reactive Class 2 IP51 Firmware Version: V5.09



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