


Test Verification of Conformity

Verification Number: 21072704GZU-VOC002

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. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	Zucchetti Centro Sistemi SpA Via Lungarno 305/A 52028 Terranuova Bracciolini (AR) Italy
Product Description:	Hybrid inverter
Models/Type References:	AZZURRO 1PH HYD6000 ZSS HP, AZZURRO 1PH HYD5000 ZSS HP, AZZURRO 1PH HYD5500 ZSS HP, AZZURRO 1PH HYD4600 ZSS HP, AZZURRO 1PH HYD4000 ZSS HP, AZZURRO 1PH HYD3600 ZSS HP, AZZURRO 1PH HYD3000 ZSS HP
Ratings & Principle Characteristics:	See Appendix
Brand Name<s>:	
Specification<s>/Standard<s>	IEC 61000-6-1:2005 IEC 61000-6-3:2006+A1:2010 IEC 61000-6-2:2005) IEC 61000-6-4:2006+A1:2010) IEC 61000-3-2 :2014 IEC 61000-3-3: 2013 IEC 61000-3-11:2000 IEC 61000-3-12 :2011
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:	-
Test Report Number<s>:	210727054GZU-001,002

Additional information in Appendix.



Signature

Name: Sky Zhu

Position: Team Leader

Date: 02 November 2021

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 21072704GZU-VOC002

Ratings & Principle Characteristics:

Model	AZZURR O 1PH HYD3000 ZSS HP	AZZURR O 1PH HYD3600 ZSS HP	AZZURR O 1PH HYD4000 ZSS HP	AZZURR O 1PH HYD4600 ZSS HP	AZZURR O 1PH HYD5000 ZSS HP	AZZURR O 1PH HYD5500 ZSS HP	AZZURR O 1PH HYD6000 ZSS HP
Max. PV Input Voltage [d.c.V]	600						
MPPT operating voltage range [d.c.V]	90-580						
Number of MPP trackers	2						
Max. input current per MPPT [d.c.A]	13/13						
Max. PV Isc [d.c.A]	2 X 18						
Battery Type	Lead-acid, Lithium-ion						
Battery Voltage Range [d.c.V]	42-58						
Max. Charging Current [d.c.A]	75	80	85	100	100	100	100
Max. Discharging Current [d.c.A]	75	80	85	100	100	100	100
Max. Charging & Discharging Power [W]	3750	4000	4250	5000	5000	5000	5000
Nominal Grid voltage [a.c.V]	230						
Nominal Output Voltage	230						

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(backup) [a.c.V]							
Max. output current [a.c.A]	15	16	20	20.9	21.7	25	27.3
Max AC current from utility grid [a.c.A]	27.3	32	36.4	41.8	43.4	43.4	54.6
Nominal Grid Frequency	50/60Hz						
Power Factor	1 (adjustable +/-0.8)						
Nominal AC power [W]	3000	3680	4000	4600	5000	5000	6000
Backup Max.curren t [a.c.A]	13.6	16.0	18.2	20.9	22.7	22.7	22.7
Backup Max. Apparent Power [VA]	3000	3680	4000	4600	5000	5000	5000
Ingress Protection	IP 65						
Protective Class	Class I						
Operating temperatur e range	-30 ~ +60°C						



Signature

Name: Sky Zhu

Position: Team Leader

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