

Certificate of Conformity

Certificate Number: CN-PV-210222

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:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	AZZURRO 1PH 3000TLM-V3, AZZURRO 1PH 3680TLM-V3, AZZURRO 1PH 4000TLM-V3, AZZURRO 1PH 4600TLM-V3, AZZURRO 1PH 5000TLM-V3, AZZURRO 1PH 5000TLM-V3-A AZZURRO 1PH 6000TLM-V3
Brand Name<s>:	
Tested according to:	RD1699:2011 UNE 206006 IN:2011 UNE 206007-1 IN:2013
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 No.<s>:	210727046GZU-013

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 14 September 2021

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-210222

MODEL	AZZURRO 1PH 3000TLM-V3	AZZURRO 1PH 3680TLM-V3	AZZURRO 1PH 4000TLM-V3	AZZURRO 1PH 4600TLM-V3
Input (DC)				
Max. input voltage	600V			
Start-up voltage	90V			
Rated input voltage	380V			
MPPT operating voltage range	80V~550V			
Full power MPPT voltage range	200V~500V			
Max. input MPPT current	15A/15A			
Max. input short circuit current per MPPT	22.5A/22.5A			
Output (AC)				
Rated power	3000W	3680W	4000W	4600W
Max. AC power	3300VA	3680VA	4400VA	4600VA
Rated output current	13.6A	16A	18.2A	21A
Max output current	15A	16A	20A	23A
Nominal grid voltage	230Vac			
Nominal frequency	50Hz/60Hz			
Power factor	1default(+/-0.8 adjustable)			
Ambient temperature range	-30~+60°C			
Degree of protection	IP65			
Cooling	Natural			
Software version	V000001			

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-210222

MODEL	AZZURRO 1PH 5000TLM-V3	AZZURRO 1PH 5000TLM-V3-A	AZZURRO 1PH 6000TLM-V3
Input (DC)			
Max. input voltage	600V		
Start-up voltage	90V		
Rated input voltage	380V		
MPPT operating voltage range	80V~550V		
Full power MPPT voltage range	210V~500V	260V~500V	
Max. input MPPT current	15A/15A		
Max. input short circuit current per MPPT	22.5A/22.5A		
Output (AC)			
Rated power	5000W	5000W	6000W
Max. AC power	5500VA	5000VA	6000VA
Rated output current	22.7A	21.7A	27.3A
Max output current	25A	21.7A	29A
Nominal grid voltage	230Vac		
Nominal frequency	50Hz/60Hz		
Power factor	1default(+/-0.8 adjustable)		
Ambient temperature range	-30~+60°C		
Degree of protection	IP65		
Cooling	Natural		
Software version	V000001		

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.