


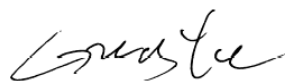
# Certificate of Conformity

Certificate Number: CN-PV-230693

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.

<b>Applicant:</b>	Zucchetti Centro Sistemi SpA Via Lungarno 305/A 52028 Terranuova Bracciolini (AR), Italy
<b>Product:</b>	Solar Grid-tied Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	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
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	CEI 0-21:2022-03 + V1:2022-11: Reference technical rules for connection of active and passive users to the LV electrical Utilities Type approval for Type A
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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
<b>Test Report No.&lt;s&gt;:</b>	231114025GZU-001, 08 Dec 2023 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 13 Dec. 2023



PRD N° 306B

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-230693.

Model	AZZURRO 1PH 3000TLM-V3	AZZURRO 1PH 3680TLM-V3	AZZURRO 1PH 4000TLM-V3
Input (DC)			
Max. input voltage	600V		
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
Rated Apparent power	3000VA	3680VA	4000VA
Max. AC power	3300VA	3680VA	4400VA
Rated output current	13.6A	16A	18.2A
Max output current	15A	16A	20A
Nominal grid voltage	220/230V		
Nominal frequency	50Hz/60Hz		
Power factor	1 default (+/-0.8 adjustable)		
Ambient temperature range	-30~+60°C		
Degree of protection	IP65		
Software Version	V000001		

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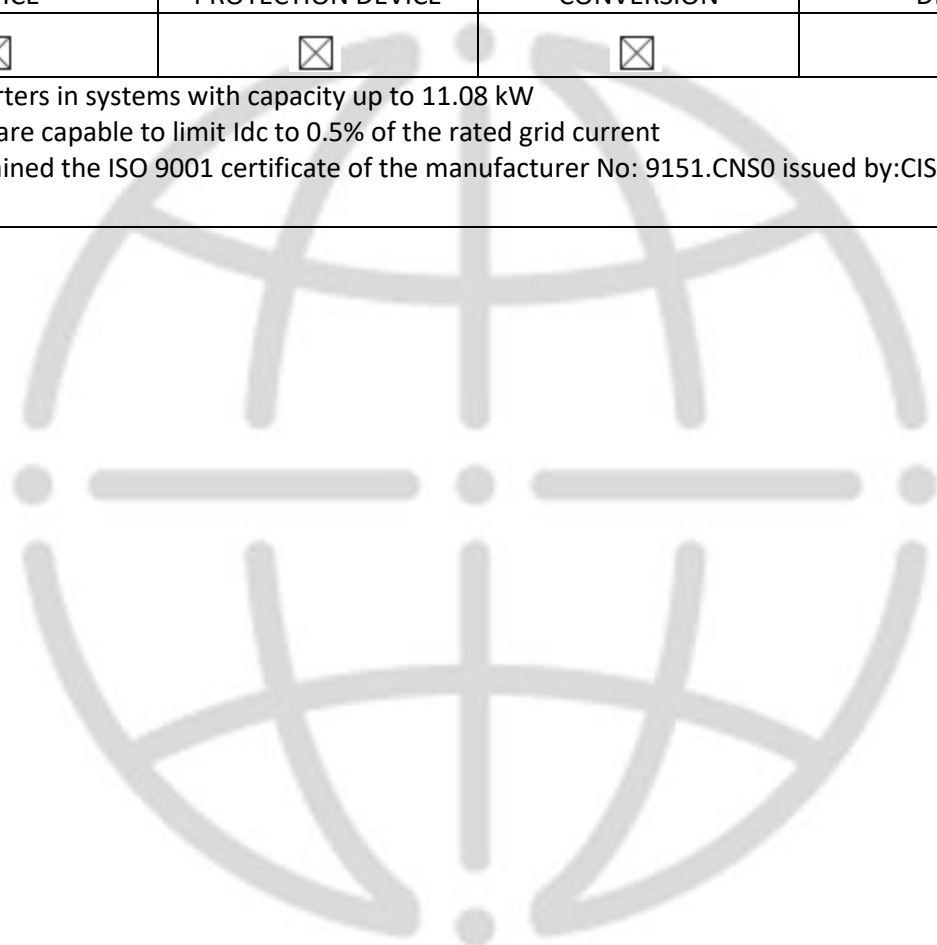
Model	AZZURRO 1PH 4600TLM-V3	AZZURRO 1PH 5000TLM-V3	AZZURRO 1PH 5000TLM-V3-A	AZZURRO 1PH 6000TLM-V3
Input (DC)				
Max. input voltage	600V			
Rated input voltage	380V			
MPPT operating voltage range	80V~550V			
Full power MPPT voltage range	200V~500V	210V~500V		260V~500V
Max. input MPPT current	15A/15A			
Max. input short circuit current per MPPT	22.5A/22.5A			
Output (AC)				
Rated power	4600W	5000W	5000W	6000W
Rated Apparent power	4600VA	5000VA	5000VA	6000VA
Max. AC power	4600VA	5500VA	5000VA	6000VA
Rated output current	21A	22.7A	21.7A	27.3A
Max output current	23A	25A	21.7A	29A
Nominal grid voltage	220/230V			
Nominal frequency	50Hz/60Hz			
Power factor	1 default (+/-0.8 adjustable)			
Ambient temperature range	-30~+60℃			
Degree of protection	IP65			
Software Version	V000001			

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TYPE OF APPARATUS: Solar Grid-tied inverter			
Number of phases: Single-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<p>Static converters in systems with capacity up to 11.08 kW</p> <p>The devices are capable to limit Idc to 0.5% of the rated grid current</p> <p>Having examined the ISO 9001 certificate of the manufacturer No: 9151.CNS0 issued by: CISQ/IMQ</p>			



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