

# Certificate of Conformity

Certificate Number: CN-PV-230684

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 1100TL-V3, AZZURRO 1PH 1600TL-V3, AZZURRO 1PH 2200TL-V3, AZZURRO 1PH 2700TL-V3, AZZURRO 1PH 3300TL-V3, AZZURRO 1PH 3000TL-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>	231114024GZU-001, 27 Nov 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: 05 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-230684.

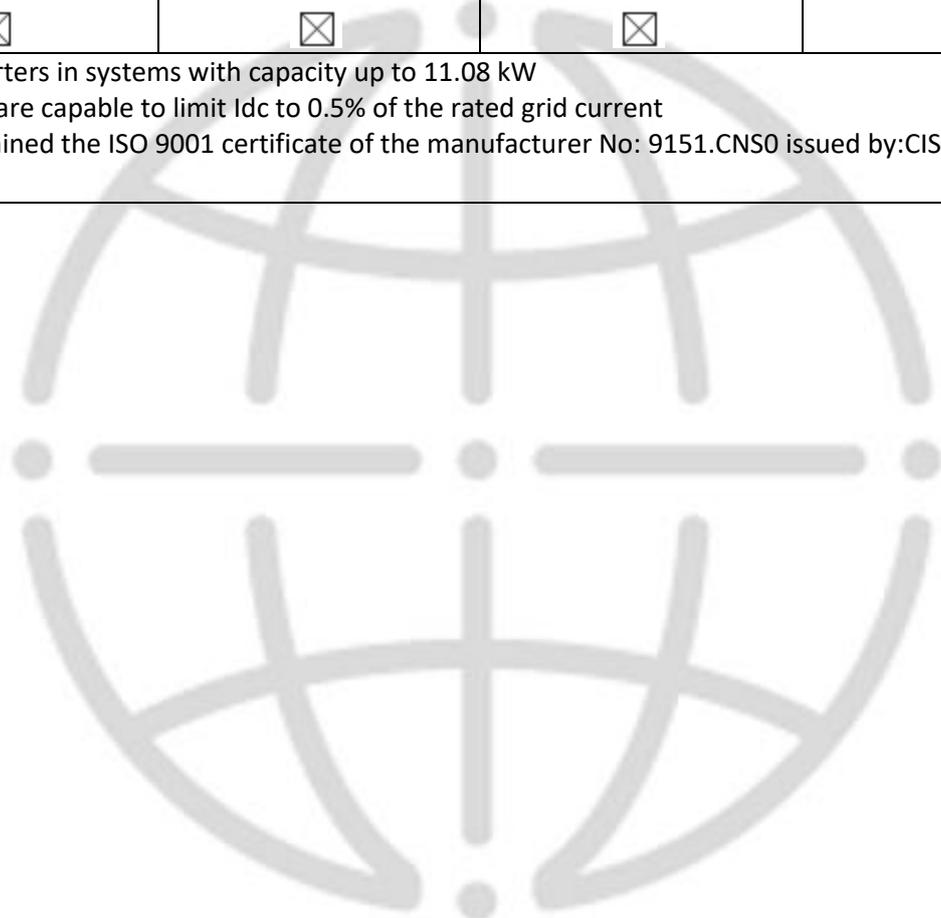
Model	AZZURRO 1PH 1100TL-V3	AZZURRO 1PH 1600TL-V3	AZZURRO 1PH 2200TL-V3	AZZURRO 1PH 2700TL- V3	AZZURRO 1PH 3000TL- V3	AZZURRO 1PH 3300TL- V3
Max. DC input Voltage[dc]	500V			550V		
Operating MPPT Voltage Range[dc]	50-500V			50-550V		
Max. input Current	12A					
Max. PV Isc	15A					
Rated Grid voltage[ac]	230V					
Rated output current	4.8A	7.0A	9.6A	11.8A	13.0A	14.3A
Max. output current	5.3A	7.7A	10.6A	13.0A	14.5A	16.0A
Rated Grid Frequency	50/60Hz					
Rated Apparent power	1100VA	1600VA	2200VA	2700VA	3000VA	3300VA
Max. output power	1100VA	1600VA	2200VA	2700VA	3000VA	3300VA
Power Factor	1(adjustable +/-0.8)					
Ingress Protection	IP 65					
Operating Temperature Range	-30°C ~ +60°C					
Protective Class	Class I					
Inverter Topology	Non-Isolated					
Overvoltage Category	AC III, DC II					
Software Version	V3.00					

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-230684.

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            The devices are capable to limit Idc to 0.5% of the rated grid current            Having examined the ISO 9001 certificate of the manufacturer No: 9151.CNS0 issued by: CISQ/IMQ</p>			



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.