


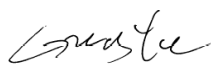
# Certificate of Conformity

Certificate Number: CN-PV-230008

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 3PH 15000TL-V3, AZZURRO 3PH 17000TL-V3 AZZURRO 3PH 20000TL-V3, AZZURRO 3PH 22000TL-V3 AZZURRO 3PH 24000TL-V3
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	CEI 0-16:2022: Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company Type approval for Type B
<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>	221130074GZU-002 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: 09 January 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-230008.

Model	AZZURRO 3PH 15000TL-V3	AZZURRO 3PH 17000TL-V3	AZZURRO 3PH 20000TL-V3	AZZURRO 3PH 22000TL-V3	AZZURRO 3PH 24000TL-V3
Max. DC input Voltage	1100Vdc				
Operating MPPT voltage range	140Vdc – 1000Vdc				
Max. Input current	26A/26A				
PV Isc	36A*2				
Nominal AC output voltage	3/N/PE 230Vac/400Vac				
Nominal AC output Frequency	50Hz				
Rated output AC current[A]	21.7	24.6	29.0	31.9	34.8
Max.Output AC current [A]	23.9	27.1	31.9	35.1	38.3
Rated output Power[KW]	15.0	17.0	20.0	22.0	24.0
Max.Output Power [KVA]	16.5	18.7	22.0	24.2	26.4
Power factor	1(adjustable +/-0.8)				
Safety level	Class I				
Ingress Protection	IP 65				
Operation Ambient Temperature	-30°C - 60°C				
Software version	V010000				

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230008

TYPE OF APPARATUS: Solar Grid-tied inverter			
Number of phases: three-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
		<input checked="" type="checkbox"/>	
Static converters in systems with capacity more than 11.08 kW The devices are capable to limit $I_{dc}$ to 0.5% of the rated grid current			

Manufacturer: Zucchetti Centro Sistemi SpA

Apparatus type: Solar Grid-tied inverter

Model: AZZURRO 3PH 15000TL-V3, AZZURRO 3PH 17000TL-V3  
AZZURRO 3PH 20000TL-V3, AZZURRO 3PH 22000TL-V3  
AZZURRO 3PH 24000TL-V3



Brands:

Firmware Version: V010000

Number of phases: Three-phase

Nominal power: See Certificate for each model

Maximum power of the destination plant:  $\leq 400\text{KW}$  or  $\geq 400\text{KW}$

Plant class: Type B

Having examined the ISO 9001 certificate of the manufacturer No: 9151.CNS0, issued by:  
IMQ S.p.A

The indicated product complies with CEI 0-16:2022: Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company

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