

Certificate of Conformity

Certificate Number: CN-PV-230227

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 3PH 60KTL-V3, AZZURRO 3PH 60KTL-V3 D2, AZZURRO 3PH 70KTL-V3, AZZURRO 3PH 75KTL-V3, AZZURRO 3PH 80KTL-V3
Brand Name<s>:	
Product Complies with:	CEI 0-16:2022-03 + V1:2022-11 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
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 Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230302163GZU-004 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: 12 May 2023



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230227.

Model	AZZURRO 3PH 60KTL- V3	AZZURRO 3PH 60KTL-V3 D2	AZZURRO 3PH 70KTL- V3	AZZURRO 3PH 75KTL- V3	AZZURRO 3PH 80KTL-V3
Max. DC input Voltage	1100Vdc				
Operating MPPT voltage range	180Vdc – 1000Vdc				
Max. Input current	32A*6	40A*6			
PV Isc	50A*6	60A*6			
Nominal AC output voltage	3/N/PE 230Vac/400Vac				
Nominal AC output Frequency	50/60Hz				
Max. AC output current	100A	100A	116.7A	113A	133.3A
Nominal Output power	60KW	60KW	70KW	75KW	80KW
Max. Output Power	66KVA	66KVA	77KVA	75KVA	88KVA
Power factor	1(adjustable +/-0.8)				
Safety level	Class I				
Ingress Protection	IP 66				
Operation Ambient Temperature	-30°C - 60°C				
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-230227.

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 60KTL-V3, AZZURRO 3PH 60KTL-V3 D2, AZZURRO 3PH 70KTL-V3, AZZURRO 3PH 75KTL-V3, AZZURRO 3PH 80KTL-V3



Brands:

Firmware Version: V000001

Number of phases: Three-phase

Nominal power: See Certificate for each model

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

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 0-16:2022-03 + V1:2022-11 Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company