

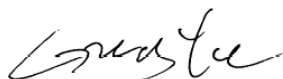
Certificate of Conformity

Certificate Number: CN-PV-220275

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 25KTL-V3, AZZURRO 3PH 30KTL-V3, AZZURRO 3PH 30KTL-V3-A, AZZURRO 3PH 33KTL-V3, AZZURRO 3PH 36KTL-V3, AZZURRO 3PH 40KTL-V3, AZZURRO 3PH 45KTL-V3, AZZURRO 3PH 50KTL-V3, AZZURRO 3PH 40KTL-V3-HV, AZZURRO 3PH 50KTL-V3-HV
Brand Name<s>:	
Product Complies with:	TOR Erzeuger Type B Version 1.2: 18 April 2022 OVE-Richtlinie R 25:2020-03-01 Connection and parallel operation of type B power generation systems (maximum capacity ≥ 250 kW and nominal voltage <110 kV)
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>:	221116039GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 09 December 2022



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220275

Model	AZZURRO 3PH 25KTL-V3	AZZURRO 3PH 30KTL-V3	AZZURRO 3PH 30KTL-V3-A
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 1000Vdc		
Max. Input current	40A*3		
PV Isc	50A*3		
Nominal AC output voltage	3/N/PE 230Vac/400Vac		
Nominal AC output Frequency	50Hz		
Max. AC output current	42.4A	51.5A	45.3A
Nominal Output power	25000W	30000W	29900W
Max. Output Power	28000VA	34000VA	29900VA
Power factor	1(adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-30°C - 60°C		
Software version	V000001		

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Model	AZZURRO 3PH 33KTL-V3	AZZURRO 3PH 36KTL-V3	AZZURRO 3PH 40KTL-V3
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 1000Vdc		
Max. Input current	40A*3		40A*4
PV Isc	50A*3		50A*4
Nominal AC output voltage	3/N/PE 230Vac/400Vac		
Nominal AC output Frequency	50Hz		
Max. AC output current	56A	60.6A	66.7A
Nominal Output power	33000W	36000W	40000W
Max.Output Power	37000VA	40000VA	44000VA
Power factor	1(adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-30℃ - 60℃		
Software version	V000001		

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Model	AZZURRO 3PH 45KTL-V3	AZZURRO 3PH 50KTL-V3	AZZURRO 3PH 40KTL-V3-HV	AZZURRO 3PH 50KTL-V3-HV
Max. DC input Voltage	1100Vdc			
Operating MPPT voltage range	180Vdc – 1000Vdc			
Max. Input current	40A*4		40A*3	40A*4
PV Isc	50A*4		50A*3	50A*4
Nominal AC output voltage	3/N/PE 230Vac/400Vac		3/N/PE 277Vac/480Vac	
Nominal AC output Frequency	50Hz			
Max. AC output current	75.8A	83.3A	53.0A	66.2A
Nominal Output power	45000W	50000W	40000W	50000W
Max.Output Power	50000VA	55000VA	44000VA	55000VA
Power factor	1(adjustable +/-0.8)			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-30℃ - 60℃			
Software version	V000001			

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