

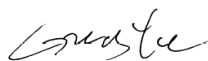
# Certificate of Conformity

Certificate Number: CN-PV-230073

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<br>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 3.3KTL-V3, AZZURRO 3PH 4.4KTL-V3,<br>AZZURRO 3PH 5.5KTL-V3, AZZURRO 3PH 6.6KTL-V3,<br>AZZURRO 3PH 8.8KTL-V3, AZZURRO 3PH 11KTL-V3,<br>AZZURRO 3PH 12KTL-V3                                                                    |
| <b>Brand Name&lt;s&gt;:</b>                           |                                                                                                                                                        |
| <b>Product Complies with:</b>                         | TOR Erzeuger Type A version 1.2, 18 April 2022<br>OVE-Richtlinie R 25:2020<br>Connection and parallel operation of power generation plants of type A and of small generation plants (maximum capacity <250 kW and nominal voltage <110kV) |
| <b>Certificate Issuing Office Name &amp; Address:</b> | Intertek Testing Services Ltd. Shanghai<br>West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road<br>China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China<br><br>Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012 |
| <b>Test Report No.&lt;s&gt;:</b>                      | 230116067GZU -002                                                                                                                                                                                                                         |

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**  
**Date: 03 March 2023**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230073.

| MODEL                      | AZZURRO 3PH<br>3.3KTL-V3            | AZZURRO 3PH<br>4.4KTL-V3 | AZZURRO 3PH<br>5.5KTL-V3 | AZZURRO 3PH<br>6.6KTL-V3 |
|----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Max PV voltage             | 1100Vdc                             |                          |                          |                          |
| MPPT Voltage range         | 140-1000Vdc                         |                          |                          |                          |
| Max. input current         | 15/15A                              |                          |                          |                          |
| PV Isc                     | 22.5/22.5A                          |                          |                          |                          |
| Rated power(W)             | 3000                                | 4000                     | 5000                     | 6000                     |
| Max.apparent power<br>(VA) | 3300                                | 4400                     | 5500                     | 6600                     |
| Max output current         | 3×5.0 A                             | 3×6.7 A                  | 3×8.3 A                  | 3×10.0 A                 |
| Output voltage             | 3/N/PE 220Vac/380Vac, 230Vac/400Vac |                          |                          |                          |
| Nominal Frequency          | 50/60 Hz                            |                          |                          |                          |
| Power Factor               | 1 default (adjustable+/-0.8)        |                          |                          |                          |
| Ambient<br>Temperature     | -30°C - +60°C                       |                          |                          |                          |
| Protection Degree          | IP65                                |                          |                          |                          |
| Protection Class           | Class I                             |                          |                          |                          |
| Software Version           | V000001                             |                          |                          |                          |

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| MODEL                   | AZZURRO 3PH 8.8KTL-V3               | AZZURRO 3PH 11KTL-V3 | AZZURRO 3PH 12KTL-V3-A |
|-------------------------|-------------------------------------|----------------------|------------------------|
| Max PV voltage          | 1100Vdc                             |                      |                        |
| MPPT Voltage range      | 140-1000Vdc                         |                      |                        |
| Max. input current      | 15/15A                              |                      | 15/30A                 |
| PV Isc                  | 22.5/22.5A                          |                      | 22.5A/45A              |
| Rated power(W)          | 8000                                | 10000                | 12000                  |
| Max.apparent power (VA) | 8800                                | 11000                | 13200                  |
| Max output current      | 3×13.3 A                            | 3×16.7 A             | 3×20.0 A               |
| Output voltage          | 3/N/PE 220Vac/380Vac, 230Vac/400Vac |                      |                        |
| Nominal Frequency       | 50/60 Hz                            |                      |                        |
| Power Factor            | 1 default (adjustable+/-0.8)        |                      |                        |
| Ambient Temperature     | -30°C - +60°C                       |                      |                        |
| Protection Degree       | IP65                                |                      |                        |
| Protection Class        | Class I                             |                      |                        |
| Software Version        | V000001                             |                      |                        |

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