



# Test Verification of Conformity

Verification Number: 201022064GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

|   |  |
|---|--|
| Applicant Name & Address:                   | Zucchetti Centro Sistemi SpA<br>Via Lungarno 305/A 52028 Terranuova Bracciolini (AR) Italy   |
| Product Description:                        | Solar Grid Tied Inverter   |
| Models/Type References:                     | AZZURRO 3PH 3.3KTL-V1, AZZURRO 3PH 4.4KTL-V1, AZZURRO 3PH 5KTL-V1,<br>AZZURRO 3PH 5.5KTL-V1, AZZURRO 3PH 6.6KTL-V1, AZZURRO 3PH 8.8KTL-V1,<br>AZZURRO 3PH 11KTL-V1, AZZURRO 3PH 12KTL-V1                   |
| Ratings & Principle Characteristics:        | See Appendix   |
| Brand Name:                                 |   |
| Relevant Standards/Directives:              | EN 61000-6-1:2007<br>EN 61000-6-3:2007+A1:2011<br>EN 61000-6-2:2005<br>EN 61000-6-4:2007+A1:2011<br><br>EMC Directive 2014/30/EU   |
| Verification Issuing Office Name & Address: | Intertek Testing Services Shenzhen Ltd. Guangzhou Branch<br>Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2.<br>Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China |
| Date of Tests:                              | -  |
| Test Report Number(s):                      | 201022064GZU-001,002   |
| Additional information in Appendix.         |  |



## Signature

**Name: Strong Yao**

**Position: Manager**

**Date: 06 January 2021**

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# APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 201022064GZU-VOC001

Ratings & Principle Characteristics:

| MODEL               | AZZURRO 3PH 3.3 KTL-V1     | AZZURRO 3PH 4.4 KTL-V1 | AZZURRO 3PH 5 KTL-V1 | AZZURRO 3PH 5.5 KTL-V1 | AZZURRO 3PH 6.6 KTL-V1 |
|---------------------|----------------------------|------------------------|----------------------|------------------------|------------------------|
| Max PV voltage      | 1000Vdc                    |                        |                      |                        |                        |
| MPPT Voltage range  | 160-960Vdc                 |                        |                      |                        |                        |
| Max. input current  | 11/11A                     |                        |                      |                        |                        |
| PV Isc              | 14/14A                     |                        |                      |                        |                        |
| Max power (VA)      | 3300                       | 4400                   | 5000                 | 5500                   | 6600                   |
| Max output current  | 3×4.8 A                    | 3×6.4 A                | 3×8.0A               | 3×8.0 A                | 3×9.6 A                |
| Output voltage      | 3W/N/PE 230Vac/400Vac      |                        |                      |                        |                        |
| Nominal Frequency   | 50 Hz                      |                        |                      |                        |                        |
| Power Factor        | 0.8 Leading to 0.8 Lagging |                        |                      |                        |                        |
| Ambient Temperature | -25°C - +60°C              |                        |                      |                        |                        |
| Protection Degree   | IP65                       |                        |                      |                        |                        |
| Protection Class    | Class I                    |                        |                      |                        |                        |
| MODEL               | AZZURRO 3PH 8.8KTL-V1      | AZZURRO 3PH 11KTL-V1   | AZZURRO 3PH 12KTL-V1 |                        |                        |
| Max PV voltage      | 1000Vdc                    |                        |                      |                        |                        |
| MPPT Voltage range  | 160-960Vdc                 |                        |                      |                        |                        |
| Max. input current  | 11/11A                     |                        |                      |                        |                        |
| PV Isc              | 14/14A                     |                        |                      |                        |                        |
| Max power (VA)      | 8800                       | 11000                  | 13200                |                        |                        |
| Max output current  | 3×12.8 A                   | 3×15.9 A               | 3×19.1 A             |                        |                        |
| Output voltage      | 3W/N/PE 230Vac/400Vac      |                        |                      |                        |                        |
| Nominal Frequency   | 50 Hz                      |                        |                      |                        |                        |
| Power Factor        | 0.8 Leading to 0.8 Lagging |                        |                      |                        |                        |
| Ambient Temperature | -25°C - +60°C              |                        |                      |                        |                        |
| Protection Degree   | IP65                       |                        |                      |                        |                        |
| Protection Class    | Class I                    |                        |                      |                        |                        |
| Software Version    | V 1.00                     |                        |                      |                        |                        |



Signature

Name: Strong Yao

Position: Manager

Date: 06 January 2021

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