

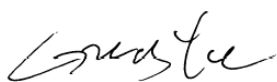
Certificate of Conformity

Certificate Number: CN-PV-210220

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer 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 to Certificate of Conformity |
| Models: | AZZURRO 1PH 3000TLM-V3, AZZURRO 1PH 3680TLM-V3, AZZURRO 1PH 4000TLM-V3, AZZURRO 1PH 4600TLM-V3, AZZURRO 1PH 5000TLM-V3, AZZURRO 1PH 5000TLM-V3-A AZZURRO 1PH 6000TLM-V3 |
| Brand Name: |  |
| Tested according to: | France_UTE_C_15_712-1: July 2013 DIN V VDE V 0126-1-1:2013.08 Automatic disconnecting device Enedis-PRO-RES_10E: 2020 (Max(f)=51.5Hz) Compliant with VFR 2019 |
| 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 |
| Test Reports No: | 210727046GZU-010 210727046GZU-011 |

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 14 Sep. 2021

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210220

| MODEL | AZZURRO 1PH 3000TLM- V3 | AZZURRO 1PH 3680TLM-V3 | AZZURRO 1PH 4000TLM-V3 | AZZURRO 1PH 4600TLM-V3 |
|---|----------------------------------|---------------------------|------------------------------|---------------------------|
| Input (DC) | | | | |
| Max. input voltage | 600V | | | |
| Start-up voltage | 90V | | | |
| Rated input voltage | 380V | | | |
| MPPT operating voltage range | 80V~550V | | | |
| Full power MPPT voltage range | 200V~500V | | | |
| Max. input MPPT current | 15A/15A | | | |
| Max. input short circuit current per MPPT | 22.5A/22.5A | | | |
| Output (AC) | | | | |
| Rated power | 3000W | 3680W | 4000W | 4600W |
| Max. AC power | 3300VA | 3680VA | 4400VA | 4600VA |
| Rated output current | 13.6A | 16A | 18.2A | 21A |
| Max output current | 15A | 16A | 20A | 23A |
| Nominal grid voltage | 230Vac | | | |
| Nominal frequency | 50Hz/60Hz | | | |
| Power factor | 1default(+/-0.8 adjustable) | | | |
| Ambient temperature range | -30~+60°C | | | |
| Degree of protection | IP65 | | | |
| Cooling | Natural | | | |
| Software version | V000001 | | | |

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210220

| MODEL | AZZURRO 1PH 5000TLM-V3 | AZZURRO 1PH 5000TLM-V3-A | AZZURRO 1PH 6000TLM-V3 |
|---|-----------------------------|-----------------------------|---------------------------|
| Input (DC) | | | |
| Max. input voltage | 600V | | |
| Start-up voltage | 90V | | |
| Rated input voltage | 380V | | |
| MPPT operating voltage range | 80V~550V | | |
| Full power MPPT voltage range | 210V~500V | 260V~500V | |
| Max. input MPPT current | 15A/15A | | |
| Max. input short circuit current per MPPT | 22.5A/22.5A | | |
| Output (AC) | | | |
| Rated power | 5000W | 5000W | 6000W |
| Max. AC power | 5500VA | 5000VA | 6000VA |
| Rated output current | 22.7A | 21.7A | 27.3A |
| Max output current | 25A | 21.7A | 29A |
| Nominal grid voltage | 230Vac | | |
| Nominal frequency | 50Hz/60Hz | | |
| Power factor | 1default(+/-0.8 adjustable) | | |
| Ambient temperature range | -30~+60°C | | |
| Degree of protection | IP65 | | |
| Cooling | Natural | | |
| Software version | V000001 | | |

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