

# Certificate of Conformity

Certificate Number: CN-PV-200157

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification/standard 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.

<b>Applicant:</b>	Zucchetti Centro Sistemi SpA Via Lungarno 305/A 52028 Terranuova Bracciolini (AR) Italy
<b>Product:</b>	Solar Grid-tied Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See Annex to Certificate of Conformity
<b>Model:</b>	AZZURRO 3PH 4.4KTL-V1, AZZURRO 3PH 5.5KTL-V1, AZZURRO 3PH 6.6KTL-V1, AZZURRO 3PH 8.8KTL-V1, AZZURRO 3PH 11KTL-V1, AZZURRO 3PH 12KTL-V1
<b>Brand Name:</b>	
<b>Tested according to:</b>	Royal Decree 1699/2011, of 18 November, which regulates the connection to network of production facilities for low power electricity
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
<b>Test Report No.:</b>	201022060GZU-006

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 26 November 2020**

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-200157

### Ratings & Principle Characteristics:

For model: AZZURRO 3PH 4.4KTL-V1

DC input:

Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A

AC output:

Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3\*6.4A; Nominal Output Power: 4000W; Max. Apparent Power: 4.4kVA; Power Factor: 0.8 Leading – 0.8 Lagging

Ambient Temperature: -25°C - +60°C

IP65, Class I

For model: AZZURRO 3PH 5.5KTL-V1

DC input:

Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A

AC output:

Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3\*8.0A; Nominal Output Power: 5000W; Max. Apparent Power: 5.5kVA; Power Factor: 0.8 Leading – 0.8 Lagging

Ambient Temperature: -25°C - +60°C

IP65, Class I

For model: AZZURRO 3PH 6.6KTL-V1

DC input:

Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A

AC output:

Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3\*9.6A; Nominal Output Power: 6000W; Max. Apparent Power: 6.6kVA; Power Factor: 0.8 Leading – 0.8 Lagging

Ambient Temperature: -25°C - +60°C

IP65, Class I

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200157

Ratings & Principle  
Characteristics:

For model: AZZURRO 3PH 8.8KTL-V1

DC input:

Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A

AC output:

Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3\*12.8A; Nominal Output Power: 8000W; Max. Apparent Power: 8.8kVA; Power Factor: 0.8 Leading – 0.8 Lagging

Ambient Temperature: -25°C - +60°C

IP65, Class I

For model: AZZURRO 3PH 11KTL-V1

DC input:

Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A

AC output:

Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3\*15.9A; Nominal Output Power: 10000W; Max. Apparent Power: 11.0kVA; Power Factor: 0.8 Leading – 0.8 Lagging

Ambient Temperature: -25°C - +60°C

IP65, Class I

For model: AZZURRO 3PH 12KTL-V1

DC input:

Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A

AC output:

Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3\*19.1A; Nominal Output Power: 12000W; Max. Apparent Power: 13.2kVA; Power Factor: 0.8 Leading – 0.8 Lagging

Ambient Temperature: -25°C - +60°C

IP65, Class I

Software version:

V1.00