

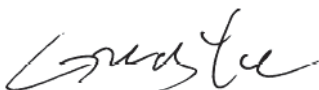
Certificate of Conformity

Certificate Number: CN-PV-190010

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.

Applicant Name & Address:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China
Product Description:	PV Grid-connected Inverter
Ratings & Principle Characteristics:	See appendix for more parameter details.
Models/Type References:	Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K, Suntrio Plus 8K Suntrio Plus 10K Firmware Version: Control board: V2.105, Display board: V3.034 Number of phases: three-phase Nominal Power: See page 2 for details
Brand Name:	
Tested according to:	CEI 0-21:2019-04: Reference technical rules for the connection of active and passive users to the LV electrical Utilities
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
Test Report Number:	190619129GZU-001

Certification procedure: SMS-PV-OP-19
Product certification scheme type: Type test
Additional information in Appendix



Signature
Certification Manager: Grady Ye
Date: 06 Sep 2019



中国认可
产品
PRODUCT
CNAS C058-P

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-190010

Model	Suntrio Plus 4K	Suntrio Plus 5K	Suntrio Plus 6K	Suntrio Plus 8K	Suntrio Plus 10K
Input (DC)					
Max. DC Voltage [V]	1000				
MPPT Voltage Range [V]	160-900				
Max. DC Input Current PV1 / PV2 [A]	11/11			22/11	
Short Circuit Current Isc [A]	13.2/13.2			26.4/13.2	
Backfeed Current[A]	0				
Number of MPPT	2				
Output (AC)					
Rated AC Power [VA] (@230V,50Hz)	4000	5000	6000	8000	10000
Max. AC Apparent Power [VA]	4000	5000	6000	8000	10000
Rated AC Current[A] (@230V,50Hz)	5.8	7.2	8.7	11.6	14.5
Max. AC Current [A]	6.4	8.1	9.7	12.9	15.9
Nominal AC voltage	3/N/PE,230/400V				
Grid frequency	50Hz				
Safety level	Class I				
Ingress Protection	IP 65				
Operation Ambient Temperature	-25°C - 60°C				
Software version	Control board: V2.105, Display board: V3.034				

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Verification of certificate with test report: 190619129GZU-001

TYPE OF APPARATUS:

(Interface protection System (SPI) can be integrated to inverter with output power up to 11.08KW)

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Manufacturer: Guangzhou Sanjing Electric Co., Ltd.

Apparatus type: PV Grid-connected Inverter

Model: Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K, Suntrio Plus 8K, Suntrio Plus 10K

Firmware Version: Control board: V2.105, Display board: V3.034

Number of phases: three-phase

Nominal power: See Certificate for each model

Remark: The devices are capable to limit I_{dc} to 0.5% of the rated grid current

Having assessed the test report 190619129GZU-001 Issued by laboratory:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD,
Guangzhou, China

In compliant with ISO/IEC 17025:2017

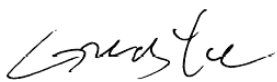
Accreditation number: CNAS L0220

Having examined the ISO 9001 certificate of the manufacturer No: U0019Q50075RIM

Issued by:

Zhongjian Certification Co., Ltd

The indicated product complies with CEI 0-21:2019-04: Reference technical rules for the connection of active and passive users to the LV electrical Utilities



Signature

Name: Grady Ye

Date: 06 Sep 2019

TYPE OF APPARATUS:

(the static converters in systems with capacity more than 11.08 kW)

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
		<input checked="" type="checkbox"/>	

Manufacturer: Guangzhou Sanjing Electric Co., Ltd.

Apparatus type: PV Grid-connected Inverter

Model: Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K, Suntrio Plus 8K, Suntrio Plus 10K

Firmware Version: Control board: V2.105, Display board: V3.034

Number of phases: three-phase

Nominal power: See Certificate for each model

Remark: The devices are capable to limit I_{dc} to 0.5% of the rated grid current

Certificate Issuing Office:

Intertek Testing Services Ltd. Shanghai

Accredited in accordance with ISO/IEC 17065:2012

Having assessed the test report 190619129GZU-001 issued by laboratory:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD,
Guangzhou, China

In compliant with ISO/IEC 17025:2017

Accreditation number: CNAS L0220

Having examined the ISO 9001 certificate of the manufacturer No: U0019Q50075RIM

Issued by:

Zhongjian Certification Co., Ltd

The indicated product complies with CEI 0-21:2019-04: Reference technical rules for the connection of active and passive users to the LV electrical Utilities