

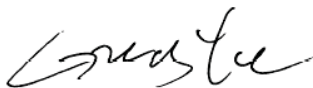
Certificate of Conformity

Certificate Number: CN-PV-190018

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 12K, Suntrio Plus 15K, Suntrio Plus 17K, Suntrio Plus 20K Suntrio Plus 25K, Suntrio Plus 30K, Suntrio Plus 33K Firmware Version: Control board: V2.059 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:	190619143GZU-001

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



Signature
Certification Manager: Grady Ye
Date: 23 September 2019



中国认可
产品
PRODUCT
CNAS C058-P

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190018

Model	Suntrio Plus 12K	Suntrio Plus 15K	Suntrio Plus 17K	Suntrio Plus 20K
Input (DC)				
Max. DC Voltage [V]	1000			
MPPT Voltage Range [V]	180-900			
Max. DC Input Current PV1 / PV2 [A]	22/11		22/22	
Short Circuit Current Isc PV1 / PV2 [A]	26.4/13.2		26.4/26.4	
Backfeed Current[A]	0			
Max. Number of Parallel Strings (PV1/PV2)	2/2			
Output (AC)				
Rated AC Power [W] (@230V,50Hz)	12000	15000	17000	20000
Max. AC Apparent Power [VA]	13200	16500	18700	22000
Rated AC Current[A] (@230V,50Hz)	3*17.4A	3*21.7A	3*25.8A	3*29.0A
Max. AC Current [A]	3*20.0A	3*25.0A	3*28.3A	3*33.0A
Nominal AC voltage	3/N/PE,230/400V			
Grid frequency	50Hz			
Power factor	0.8Leading ~ 0.8 Lagging			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-25°C - 60°C			
Software version	V2.059			

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190018

Model	Suntrio Plus 25K	Suntrio Plus 30K	Suntrio Plus 33K
Input (DC)			
Max. DC Voltage [V]	1000		
MPPT Voltage Range [V]	180-900		
Max. DC Input Current PV1 / PV2/PV3 [A]	22/22/22		
Short Circuit Current Isc PV1 / PV2/PV3 [A]	26.4/26.4/26.4		
Backfeed Current[A]	0		
Max. Number of Parallel Strings (PV1/PV2/PV3)	2/2/2		
Output (AC)			
Rated AC Power [VA] (@230V,50Hz)	25000	30000	30000
Max. AC Apparent Power [VA]	27500	30000	33000
Rated AC Current[A] (@230V,50Hz)	3*37.9A	3*43.5A	3*45.5A
Max. AC Current [A]	3*42.0A	3*50.0A	3*50.0A
Nominal AC voltage	3/N/PE,230/400V		
Grid frequency	50Hz		
Power factor	0.8 Leading ~ 0.8 Lagging		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - 60°C		
Software version	V2.059		

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Verification of certificate with test report: 190619143GZU-001

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 12K, Suntrio Plus 15K, Suntrio Plus 17K, Suntrio Plus 20K, Suntrio Plus 25K,
Suntrio Plus 30K, Suntrio Plus 33K

Firmware Version: V2.059

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 190619143GZU-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 products above comply 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: 23 September 2019