

Certificate of Conformity

Certificate Number: 190520051GZU-001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This certificate is part of the full test report<s> and should be read in conjunction with it ;

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 Annex to Certificate of Conformity
Models:	Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K, Suntrio Plus 8K, Suntrio Plus 10K
Relevant Standards	EN 50549-1: 2019, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type B Compliant with COMMISSION REGULATION (EU) 2016/631 (NC RfG)
Certificate Issuing Office:	Intertek Legal Entity: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Date of Tests:	20 May, 2019 – 28 Jun., 2019
Test Report Number(s):	190520051GZU-001

Additional information in Appendix.



Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 01 Jul., 2019



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APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Certificate/Report Number(s): 190520051GZU-001;

Ratings and
principal
characteristics

PV Input:

Voltage Range: 150-1000Vdc

MPPT Voltage Range: 160-900Vdc

Max. Input Current (PV1/PV2): 11A/ 11Adc (for Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K), 22A/ 11Adc (for Suntrio Plus 8K, Suntrio Plus 10K)

Max. Short Circuit Current (PV1/PV2): 13.2A/ 13.2Adc (for Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K), 26.4A/ 13.2Adc (for Suntrio Plus 8K, Suntrio Plus 10K)

Max. Number of Parallel Strings (PV1/PV2): 1/1 (for Suntrio Plus 4K, Suntrio Plus 5K, Suntrio Plus 6K), 2/1 (for Suntrio Plus 8K, Suntrio Plus 10K)

AC Output:

Rated Voltage: 3/N/PE 230V/400V

Rated Current: 3*5.8A (for Suntrio Plus 4K), 3*7.2A (for Suntrio Plus 5K), 3*8.7A (for Suntrio Plus 6K), 3*11.6A (for Suntrio Plus 8K), 3*14.5A (for Suntrio Plus 10K)

Max. Continuous Current: 3*6.4A (for Suntrio Plus 4K), 3*8.1A (for Suntrio Plus 5K), 3*9.7A (for Suntrio Plus 6K), 3*12.9A (for Suntrio Plus 8K), 3*15.9A (for Suntrio Plus 10K)

Rated Frequency: 50Hz

Rated Power: 4000W (for Suntrio Plus 4K), 5000W (for Suntrio Plus 5K), 6000W (for Suntrio Plus 6K), 8000W (for Suntrio Plus 8K), 10000W (for Suntrio Plus 10K)

Rated Apparent Power: 4000VA (for Suntrio Plus 4K), 5000VA (for Suntrio Plus 5K), 6000VA (for Suntrio Plus 6K), 8000VA (for Suntrio Plus 8K), 10000VA (for Suntrio Plus 10K)

Max. Apparent Power: 4000VA (for Suntrio Plus 4K), 5000VA (for Suntrio Plus 5K), 6000VA (for Suntrio Plus 6K), 8000VA (for Suntrio Plus 8K), 10000VA (for Suntrio Plus 10K)

Power Factor: 0.9i ... 1 ... 0.9c

Temperature: -25°C ~ 60°C

Protective Class: I

Ingress Protection: IP65

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