

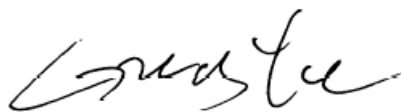
Certificate of Conformity

Certificate Number: 190520049GZU-001

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 standard at the time the tests were carried out. This certificate is part of the full test report 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:	Sununo Plus 1K, Sununo Plus 1.5K, Sununo Plus 2K, Sununo Plus 2.5K, Sununo Plus 3K, Sununo Plus 3K-M, Sununo Plus 4K-M, Sununo Plus 5K-M, Sununo Plus 6K-M
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:	10 Jun., 2019 – 12 Jul., 2019
Test Report Number(s):	190520049GZU-001

Additional information in Appendix.



Signature

Name: Grady Ye
Position: Manager
Date: 16 Jul., 2019

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APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Certificate/Report Number(s): 190520049GZU-001.

Ratings and
principal
characteristics

PV Input:

Voltage Range: 50-450Vdc (for Sununo Plus 1K, Sununo Plus 1.5K), 50-500Vdc (for Sununo Plus 2K, Sununo Plus 2.5K), 50-550Vdc (for Sununo Plus 3K), 80-600Vdc (for Sununo Plus 3K-M, Sununo Plus 4K-M, Sununo Plus 5K-M, Sununo Plus 6K-M)

MPPT Voltage Range: 60-425Vdc (for Sununo Plus 1K, Sununo Plus 1.5K), 60-450Vdc (for Sununo Plus 2K, Sununo Plus 2.5K), 60-500Vdc (for Sununo Plus 3K), 90-550Vdc (for Sununo Plus 3K-M, Sununo Plus 4K-M, Sununo Plus 5K-M, Sununo Plus 6K-M)

Max. Input Current: 11Adc (for Sununo Plus 1K, Sununo Plus 1.5K, Sununo Plus 2K, Sununo Plus 2.5K, Sununo Plus 3K), 11A/ 11Adc (for Sununo Plus 3K-M, Sununo Plus 4K-M, Sununo Plus 5K-M, Sununo Plus 6K-M)

Max. Short Circuit Current: 13.2Adc (for Sununo Plus 1K, Sununo Plus 1.5K, Sununo Plus 2K, Sununo Plus 2.5K, Sununo Plus 3K), 13.2/ 13.2Adc (for Sununo Plus 3K-M, Sununo Plus 4K-M, Sununo Plus 5K-M, Sununo Plus 6K-M)

AC Output:

Rated Voltage: 230Vac

Rated Current: 4.3Aac (for Sununo Plus 1K), 6.5Aac (for Sununo Plus 1.5K), 8.7Aac (for Sununo Plus 2K), 10.9Aac (for Sununo Plus 2.5K), 13.0Aac (for Sununo Plus 3K, Sununo Plus 3K-M), 17.4Aac (for Sununo Plus 4K-M), 21.7Aac (for Sununo Plus 5K-M), 26.1Aac (for Sununo Plus 6K-M)

Max. Continuous Current: 4.8Aac (for Sununo Plus 1K), 7.2Aac (for Sununo Plus 1.5K), 9.7Aac (for Sununo Plus 2K), 12.8Aac (for Sununo Plus 2.5K), 14.5Aac (for Sununo Plus 3K), 15.0Aac (for Sununo Plus 3K-M), 21.0Aac (for Sununo Plus 4K-M), 25.0Aac (for Sununo Plus 5K-M), 28.7Aac (for Sununo Plus 6K-M)

Rated Frequency: 50Hz

Rated Power: 1000W (for Sununo Plus 1K), 1500W (for Sununo Plus 1.5K), 2000W (for Sununo Plus 2K), 2500W (for Sununo Plus 2.5K), 3000W (for Sununo Plus 3K, Sununo Plus 3K-M), 4000W (for Sununo Plus 4K-M), 5000W (for Sununo Plus 5K-M), 6000W (for Sununo Plus 6K-M)

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

Temperature: -25°C ~ 60°C

Protective Class: I

Ingress Protection: IP65

Software version: V1.107

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