

Test Verification of Conformity

Verification Number: 250702030SZN-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	Huawei Technologies Co., Ltd. Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Product Description:	SOLAR INVERTER
Ratings & Principle Characteristics:	d.c. Max Input Voltage: 1100 Vd.c. MPPT Range: 180 – 1000 Vd.c. a.c. Output Voltage: 380/400/480 Va.c.; 50/60Hz; 3 (N)+PE
Models/Type References:	SUN2000-50K-MC0, SUN2000-40K-MC0, SUN2000-40K-MC0-BR, SUN2000-30K-MC0, SUN2000-30K-MC0-BR
Brand Names:	HUAWEI
Specification<s>/Standards:	See Appendix
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. No.101&201, Building B, No.308, Wuhe Avenue, Zhangkengjing, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China
Date of Tests:	22 May 2025 to 24 June 2025
Test Report Number(s):	250702030SZN-001
Additional information in Appendix.	



Signature

Name: Damon Wang
Position: Team Leader
Date: 28 July 2025

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250702030SZN-VOC001.

Specification<s>/Standards:

CISPR 11:2015+AMD1:2016+AMD2:2019
Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement

IEC 62920:2017+AMD1:2021
Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment

IEC 61000-6-3:2020*
Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments

IEC 61000-6-1:2016
Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments

IEC 61000-6-4:2018*
Electromagnetic compatibility (EMC) – Part 6-4: Generic standards - Emission standard for industrial environments

IEC 61000-6-2:2016
Electromagnetic compatibility (EMC) – Part 6-2: Generic standards - Immunity for industrial environments

IEC 61000-3-11:2017
Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection

IEC 61000-3-12:2011+AMD1:2021
Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase

Note: For the standard (IEC 61000-6-3/ IEC 61000-6-4) marked with * was only applied for wired network port.



Signature

Name: Damon Wang
Position: Team Leader
Date: 28 July 2025

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.