


# Test Verification of Conformity

Verification Number: 240318205GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it them.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Huawei Technologies Co., Ltd. Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, Guangdong, 518129, China
Product Description: Ratings & Principle Characteristics: Models/Type References:	Solar Inverter See Appendix: Test Verification of Conformity SUN5000-150K-MG0-ZH, SUN2000-150K-MG0-ZH, SUN2000-150K-MG0, SUN5000-150K-MG0
Brand Name:	 HUAWEI
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests: Test Report Number(s):	13 May, 2024 240318205GZU-001, 240318205GZU-002
Additional information in Appendix.	

*Jason Fu*

## Signature

**Name: Jason Fu**

**Position: Supervisor**

**Date: 13 May 2024**

## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240318205GZU-VOC001

Ratings & Principle Characteristics:

Model	SUN2000-150K-MG0, SUN5000-150K-MG0	SUN5000-150K-MG0-ZH, SUN2000-150K-MG0-ZH
Max. Input Voltage [Vd.c.]	1100	
Max. Input Current [A]	48x7	
Isc [A]	66x7	
MPPT range [Vd.c.]	200 - 1000	
Output Nominal Voltage [Va.c.]	3(N)~, 380/400 Va.c.; 480 Va.c.	3(N)~, 380 Va.c.; 480 Va.c.
Nominal Operating Frequency [Hz]	50/60	50/60
Output Rated Power [kW]	150	
Max. Output Power [kW]	165 (cosψ=1)	165 (cosψ=1); 156.8 (cosψ=0.95); 148.5 (cosψ=0.9)
Output max. Apparent Power [kVA]	165	
Output Max. current [A]	253.2 A, 380 Va.c. 240.5 A, 400 Va.c. 200.5 A, 480 Va.c.	253.2 A, 380 Va.c. 200.5 A, 480 Va.c.
Power Factor	0.8 (lagging) – 0.8(leading)	
Operating Temperature Range	-25 - +60°C	
Enclosure protection code	IP66	
Protection Class	Class I	
Pollution Degree	Outside PD3; Inside PD2	
AFCI	Type I	
Firmware version	V600R023	

*Jason Fu*

**Signature**

**Name: Jason Fu**

**Position: Supervisor**

**Date: 13 May 2024**

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