

Test Verification of Conformity

Verification Number: 240801086GZU-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, Guangdong, 518129, China
Product Description:	Solar Inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SUN2000-50K-MGL0, SUN2000-50K-MGL0-BR, SUN2000-75K-MGL0-BR, SUN2000-80K-MGL0
Brand Names:	 HUAWEI
Specification<s>/Standards:	IEEE 1547: 2003, IEEE 1547a:2014 & IEEE 1547.1: 2005+ A1: 2015 IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	02 August 2024 to 02 September 2024
Test Report Number(s):	240801086GZU-001, 03 Sep 2024
Additional information in Appendix.	

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 20 September 2024

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240801086GZU-VOC001.

Ratings & Principle
Characteristics:

Model	SUN2000-50K-MGL0	SUN2000-50K-MGL0-BR
Max. Input voltage	750Vdc	
MPPT voltage range	160 ~ 750Vdc	
Max. input current	48Adc*7	
Max. Isc	66Adc*7	
Rated output power	50kW	50kW
Max. Output Apparent power	55kVA	55kVA
Nominal output voltage	3/N/PE 127/220 Vac	
Nominal output current	131.3Aac	131.3Aac
Max. output current	144.4Aac	144.4Aac
Nominal output frequency	60Hz	
Power factor range	0.8(Leading) ~ 0.8(Lagging)	
Ingress protection	IP66	
Operation ambient temperature	-25°C to +60°C	
Software version	SUN2000MG_V600R023C10	

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 20 September 2024

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240801086GZU-VOC001.

Ratings & Principle
Characteristics:

Model	SUN2000-75K-MGLO-BR	SUN2000-80K-MGLO
Max. Input voltage	750Vdc	
MPPT voltage range	160 ~ 750Vdc	
Max. input current	48Adc*7	
Max. Isc	66Adc*7	
Rated output power	75kW	80kW
Max. Output Apparent power	75kVA	88kVA
Nominal output voltage	3/N/PE 127/220Vac	
Nominal output current	196.9Aac	210.0Aac
Max. output current	196.9Aac	231.0Aac
Nominal output frequency	60Hz	
Power factor range	0.8(Leading) ~ 0.8(Lagging)	
Ingress protection	IP66	
Operation ambient temperature	-25°C to +60°C	
Software version	SUN2000MG_V600R023C10	

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