Certificate of Conformity

Certificate Number: CN-PV-230384

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. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.China.
Product:	Solar inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SUN2000-12K-MB0, SUN2000-15K-MB0, SUN2000-17K-MB0, SUN2000-20K-MB0, SUN2000-25K-MB0
Brand Name<s>:	HUAWEI
Product Complies with:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230531063GZU-001, 230531063GZU-002 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 30 June 2023

PRD N° 306B

This Certificate 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 Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. 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.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230384.

Model	SUN2000-12K-MB0	SUN2000-15K-MB0	SUN2000-17K-MB0
Max. Input voltage	1100Vdc		
MPPT voltage range	200 – 1000Vdc		
Max. MPPT input current	30A*2		
PV Isc	40A*2		
Rated output power	12000W	15000W	17000W
Max. Output power	13200W	16500W	18700W
Nominal output voltage	3W/N/PE 220/380Vac, 230/400Vac, 240/415Vac		
Max. output current	20.2A/380Vac 19.1A/400Vac 18.5A/415Vac	25.2A/380Vac 23.9A/400Vac 23.1A/415Vac	28.6A/380Vac 27.1A/400Vac 26.1A/415Vac
Nominal output frequency	50/60 Hz		
Battery normal voltage	600Vdc		
Battery voltage range	600-980Vdc		
Battery maximum current	26.25Adc*2		
Battery type	Li-ion		
Power factor range	0.8Leading ~ 0.8Lagging		
Safety level	Class I		
Ingress protection	IP66		
Operation ambient temperature	-25℃ - +60℃		
Software version	V200R023		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230384.

Model	SUN2000-20K-MB0	SUN2000-25K-MB0
Max. Input voltage	1100Vdc	
MPPT voltage range	200 – 1000Vdc	
Max. MPPT input current	30A*2	
PV Isc	40A*2	
Rated output power	20000W	25000W
Max. Output power	22000W	27500W
Nominal output voltage	3W/N/PE 220/380Vac, 230/400Vac, 240/415Vac	
Max. output current	33.6A/380Vac 31.9A/400Vac 30.8A/415Vac	42.0A/380Vac 39.9A/400Vac 38.5A/415Vac
Nominal output frequency	50/60 Hz	
Battery normal voltage	600Vdc	
Battery voltage range	600-980Vdc	
Battery maximum current	26.25Adc*2	
Battery type	Li-ion	
Power factor range	0.8Leading ~ 0.8Lagging	
Safety level	Class I	
Ingress protection	IP66	
Operation ambient temperature	-25℃ - +60℃	
Software version	V200R023	

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