


# Certificate of Conformity

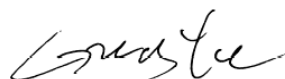
Certificate Number: CN-PVES-230384R1

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.

<b>Applicant:</b>	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.
<b>Product:</b>	SOLAR INVERTER
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	SUN2000-12K-MB0, SUN2000-15K-MB0, SUN2000-17K-MB0, SUN2000-20K-MB0, SUN2000-25K-MB0, SUN5000-17K-MB0, SUN5000-25K-MB0
<b>Brand Name&lt;s&gt;:</b>	 HUAWEI
<b>Product Complies with:</b>	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
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> 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
<b>Test Report No.&lt;s&gt;:</b>	230531063GZU-001, Revision 1: 20 June 2024 230531063GZU-002, Revision 1: 20 June 2024

Replaces certificate CN-PV-230384 dated 30 June 2023

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**  
**Date: 26 June 2024**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-230384R1.

Model	SUN2000-12K-MB0	SUN2000-15K-MB0	SUN2000-17K-MB0 SUN5000-17K-MB0	SUN2000-20K-MB0	SUN2000-25K-MB0 SUN5000-25K-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	20000W	25000W
Max. Output power	13200W	16500W	18700W	22000W	27500W
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	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°C - +60°C				
Software version	V200R023				

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