

# Certificate of Conformity

Certificate Number: CN-PVES-230603R1

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 & Hybrid Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	SUN2000-12KTL-M5, SUN2000-15KTL-M5, SUN2000-17KTL-M5, SUN2000-20KTL-M5, SUN2000-25KTL-M5 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>	G99 Issue 1 Amendment 10, 4 March 2024 Requirements for the connection of generation equipment in parallel with public distribution networks Type approval for Type A
<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>	240807021GZU-001 Revision 1, 19 Aug 2024

Replaces certificate CN-PV-230603 dated 19 Oct 2023

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 22 August 2024



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-PVES-230603R1.

Model	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5	SUN2000-20KTL-M5	SUN2000-25KTL-M5
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	13200VA	16500VA	18700VA	22000VA	27500VA
Nominal output voltage	3W/N/PE 230/400Vac				
Max. output current	19.1A	23.9A	27.1A	31.9A	39.9A
Nominal output frequency	50 Hz				
Power factor range	0.8Leading ~ 0.8Lagging				
Safety level	Class I				
Ingress protection	IP66				
Operation ambient temperature	-25°C - +60°C				
Software version	V200R022				

Remark: Maximum AC output current is based on 230/400 Va.c.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-230603R1.

Model	SUN2000-12K-MB0	SUN2000-15K-MB0	SUN2000-17K-MB0	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	12000W	15000W	17000W	20000W	25000W
Max. Output power	13200VA	16500VA	18700VA	22000VA	27500VA
Nominal output voltage	3W/N/PE 230/400Vac				
Max. output current	19.1A	23.9A	27.1A	31.9A	39.9A
Nominal output frequency	50 Hz				
Battery normal voltage	600Vdc				
Battery voltage range	600-980Vdc				
Battery maximum current	26.25A <sub>dc</sub> *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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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-230603R1.

Model	SUN5000-17K-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	17000W	25000W
Max. Output power	18700VA	27500VA
Nominal output voltage	3W/N/PE 230/400Vac	
Max. output current	27.1A	39.9A
Nominal output frequency	50 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	

Remark: Maximum AC output current is based on 230/400 Va.c.