

# Certificate of Conformity

Certificate Number: CN-PV-230284

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>	Suzhou Wankeding Yttrium Power Supply Co., Ltd. 399 He'an Road, Linhu Town, Wuzhong District, Suzhou City, Jiangsu Province, People's Republic of China
<b>Product:</b>	Hybrid Solar Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	WG-4K-GRID, WG-4.6K-GRID, WG-5K-GRID, WG-6K-GRID
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	G99 Issue 1 Amendment 9,3 October 2022 Requirements for the connection of generation equipment in parallel with public distribution networks
<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>	230504189GZU-001

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 02 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-230284

MODEL	WG-4K-GRID	WG-4.6K-GRID	WG-5K-GRID	WG-6K-GRID
Max.DC input voltage	550Vdc			
MPPT voltage range	125~500Vdc			
Max.PV Isc	17.5A*2			
Rated battery voltage	40-58V			
Max.charging current	95A			
Max.discharging current	83.3A	95.8A	104.2A	110A
Rated grid voltage	230V,50/60Hz			
Rated output voltage	230V,50/60Hz			
Nominal output current	17.4A	20A	21.7A	26A
Power Factor	0.99 Leading – 0.99 lagging			
Nominal output power	4000W	4600W	5000W	6000W
Backup rated current	17.4A	20A	21.7A	26A
Backup rated apparent power	4KVA	4.6KVA	5KVA	6KVA
Ambient Temperature	-25~ +60°C			
Protection Degree	IP65			
Protection Class	Class I			
Inverter topology	Non-Isolated			
Oversvoltage Category	AC III, DC II			
safety firmware version:	V1.0			

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