

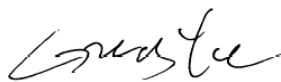
Certificate of Conformity

Certificate Number: CN-PVES-240403

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:	Shenzhen Growatt New Energy Co., Ltd 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China.
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	WIT 29.9K-XHU, WIT 30K-XHU, WIT 36K-XHU, WIT 40K-XHU, WIT 50K-XHU, WIT 29.9K-XHU2, WIT 30K-XHU2, WIT 36K-XHU2
Brand Name<s>:	GROWATT
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, 2 nd 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>:	231108023GZU-001, 21 Aug 2024; 231108023GZU-002, 21 Aug 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 29 Aug 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240403.

Model	WIT 29.9K-XHU WIT 29.9K- XHU2	WIT 30K-XHU WIT 30K-XHU2	WIT 36K-XHU WIT 36K-XHU2	WIT 40K-XHU	WIT 50K-XHU
PV input data					
Max. PV voltage	1100 d.c.V				
Operated voltage range	180V-1000 d.c.V				
Max. input current per MPPT	40 d.c.A				
PV Isc per MPPT	50 d.c.A				
Number of MPP trackers	3(for model with "XHU2") 4(for model with "XHU")				
Max. input number per MPP tracker	2				
AC input/output data					
Rated input/output power	59.8/29.9 KW	60/30 KW	72/36 KW	80/40 KW	100/50 KW
Max. input/output apparent power	59.8/29.9 KVA	66/33 KVA	79.2/39.6 KVA	88/44 KVA	110/55 KVA
Nominal voltage	3W/N/PE 230V/400 a.c.V				
Max. input/output current	86.6/43.3a.c.A	95.7/47.8a.c.A	114.8/57.4a.c.A	127.5/63.8a.c.A A	159.4/79.7a.c.A A
Nominal frequency	50/60 Hz				

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Power factor range	1.0 Leading – 1.0 lagging				
Backup power					
Rated AC output power	29.9 KW	30.0 KW	36 KW	40 KW	50 KW
Nominal AC output voltage	220V/380 a.c.V 230V/400 a.c.V				
Nominal AC output frequency	50/60 Hz				
Battery data					
Battery voltage range	200V-900 d.c.V				
Max. number of battery input	2(for model with “XHU2”) 3(for model with “XHU”)				
Max. charging and discharging current	55 d.c.A				
Type of battery	Lithium-ion				
Others					
Ingress protection	IP66				
Operation ambient temperature	-30°C - +60°C				
Software version	T01.0				

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