

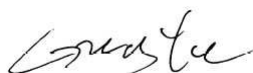
Certificate of Conformity

Certificate Number: CN-PVES-250445

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 18K-HU, WIT 20K-HU, WIT 22K-HU, WIT 25K-HU
Brand Name<s>:	GROWATT
Product Complies with:	IEC61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
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>:	250724161GZU-001, 14 November 2025

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 17 November 2025



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250445

Model	WIT 18K-HU	WIT 20K-HU	WIT 22K-HU	WIT 25K-HU
PV Data				
Max. PV voltage	1000 d.c.V			
PV voltage range	150-850 d.c.V			
Nominal input voltage	625 d.c.V			
PV Isc	50 d.c.A			
Max. input current	40 d.c.A			
Number of MPP trackers	4			
AC Data				
Nominal voltage	3W/N/PE, 220/380, 230/400, 240/415 a.c.V			
Nominal Frequency	50/60Hz			
Max. input/output power	36/18 kW	40/20 kW	44/22 kW	50/25 kW
Max. input/output apparent power	39.6/19.8 kVA	44/22kVA	48.2/24.2 kVA	55/27.5 kVA
Max. output current	30 a.c.A	33.3 a.c.A	36.7 a.c.A	41.7 a.c.A
Max. input current	60 a.c.A	66.7 a.c.A	73.3 a.c.A	83.3 a.c.A
Power factor range	1.0 leading ~ 1.0 lagging			
Load Data				
Nominal voltage	3W/N/PE, 220/380, 230/400, 240/415 a.c.V			
Nominal Frequency	50/60Hz			
Max. output power	18 kW	20 kW	22 kW	25 kW
Max. output MPP current	27.3 a.c.A	30.3 a.c.A	33.3 a.c.A	37.9 a.c.A
Power factor range	1.0 leading ~ 1.0 lagging			
GEN/Smart Load Data				
Nominal voltage	3W/N/PE, 220/380, 230/400, 240/415 a.c.V			
Nominal Frequency	50/60Hz			
Max. input/output power	36 kW	40 kW	44 kW	50 kW
Max. input/output current	54.6 a.c.A	60.6 a.c.A	66.7 a.c.A	75.8 a.c.A
Power factor range	1.0 leading ~ 1.0 lagging			
Battery Data				
Battery Type	Lithium-ion/VRLA			
Battery voltage range	40-60 d.c.V			
Max. charging and discharging current	420 d.c.A			
Other Data				
Safety level	Class I			
Ingress Protection	IP66			
Operation ambient temperature	-30℃ ~ +60℃, (>45℃ Derating)			
Software version	YG 1.0			

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