Certificate of Conformity

Certificate Number: CN-PVES-250504

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.
Manufacturer:	Shenzhen Growatt New Energy Co., Ltd 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China.
Factory:	Guangdong Growatt New Energy Co., Ltd. No. 570, Pingxin Street, Fangkeng Village, Pingtan Town, Huiyang District, Huizhou City, P. R. China.
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	WIT 4K-XHU, WIT 5K-XHU, WIT 6K-XHU, WIT 8K-XHU, WIT 10K-XHU, WIT 12K-XHU, WIT 15K-XHU, WIT 17K-XHU, WIT 20K-XHU, WIT 25K-XHU, WIT 17K-HU, WIT 18K-HU WIT 20K-HU, WIT 22K-HU, WIT 25K-HU
Brand Name<s>:	GROWATT
Product Complies with:	Commission Regulation (EU) 2016/631 of 14 April 2016 (NC RfG) establishing a network code on the requirements for connecting generating units to the network (Journal of Laws UE L 112/1 of 27 April 2016); PSE:18 December 2018: General Application Requirements resulting from the Regulation of the EU Commission 2016/631 of April 14, 2016 establishing the network code on the requirements for connecting generating units to the grid - approved by the Decision of the President of the Energy Regulatory Office DRE.WOSE.7128.550. 2. 2018. ZJ of January 2, 2019; PTPiREE, 2021-04: Conditions and procedures for the use of certificates in the process of connecting power generation modules to power grids. Type approval for Type A Type 1a product certification scheme according to ISO/IEC 17067:2013 Certification procedure SMS-PV-OP-19
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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>:	250724157GZU-001, 23 Dec. 2025

Additional information in Appendix.

Signature

Certification Manager: Grady Ye

Issue Date: 26 December 2025

Valid Until: 25 December 2030

01886

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-250504

The following functionalities have been assessed based on the rules for the use of certificate for Power Park Modules (PPMs), as specified in chapter 7 and 9 of the PTPIREE 2021-04. The functions denoted “Not Applicable” in the table of chapter 7 has not been included.

Capability	NC RfG	PSE 2018-12	Type A	Assessment result
Frequency range	13.1(a)	13.1(a)(i)	x	Compliant
Rate of Change of Frequency (ROCOF) Withstand capability, df/dt	13.1(b)	13.1(b)	x	Compliant
Remote cessation of active power	13.6	13.6	x	Compliant
Limited Frequency Sensitive Mode – Over frequency (LFSM-O)	13.2	13.2(a).(b).(f)	x	Compliant

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-250504

Ratings & Principle Characteristics:

Model	WIT 4K-XHU	WIT 5K-XHU	WIT 6K-XHU	WIT 8K-XHU	WIT 10K-XHU
Input (PV)					
Max. input voltage	1000 VDC				
MPPT voltage range	150-850 VDC				
Max. short-circuit current	25*2 A				
Max. input current per MPPT	20*2 A				
Output (On Grid)					
Rated output power	4 kW	5 kW	6 kW	8 kW	10 kW
Max. apparent power	4.4 kVA	5.5 kVA	6.6 kVA	8.8 kVA	11 kVA
Rated output voltage	3W/N/PE, 220/380, 230/400, 240/415 VAC				
Max. output current	6.7 A	8.3 A	10 A	13.3 A	16.7 A
Rated AC grid frequency	50/60Hz				
Power factor range	1.0 leading - 1.0 lagging				
Backup parameter (AC)					
Rated output power	4 kW	5 kW	6 kW	8 kW	10 kW
Rated output voltage	3W/N/PE, 220/380, 230/400, 240/415 VAC				
AC frequency	50/60Hz				
Input (DC Battery)					
Operating voltage range	120-800 VDC				
Battery maximum continuous current	55 A				
General Data					
Safety level	Class I				
Degree of protection	IP66				
Operating temperature range	-30°C - +60°C				
FW Version	YF 1.0				

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-250504

Ratings & Principle Characteristics:

Model	WIT 12K-XHU	WIT 15K-XHU	WIT 17K-XHU	WIT 20K-XHU	WIT 25K-XHU
Input (PV)					
Max. input voltage	1000 VDC				
MPPT voltage range	150-850 VDC				
Max. short-circuit current	25*3 A		25*4 A		
Max. input current per MPPT	20*3 A		20*4 A		
Output (On Grid)					
Rated output power	12 kW	15 kW	17 kW	20 kW	25 kW
Max. apparent power	13.2 kVA	16.5 kVA	18.7 kVA	22 kVA	27.5 kVA
Rated output voltage	3W/N/PE, 220/380, 230/400, 240/415 VAC				
Max. output current	20 A	25 A	28.3 A	33.3 A	41.7 A
Rated AC grid frequency	50/60Hz				
Adjustable power factor	1.0 leading - 1.0 lagging				
Backup parameter (AC)					
Rated output power	12 kW	15 kW	17 kW	20 kW	25 kW
Rated output voltage	3W/N/PE, 220/380, 230/400, 240/415 VAC				
AC frequency	50/60Hz				
Input (DC Battery)					
Operating voltage range	120-800 VDC				
Battery maximum continuous current	55 A				
General Data					
Safety level	Class I				
Degree of protection	IP66				
Operating temperature range	-30°C - +60°C				
FW Version	YF 1.0				

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-250504

Ratings & Principle Characteristics:

Model	WIT 17K-HU	WIT 18K-HU	WIT 20K-HU	WIT 22K-HU	WIT 25K-HU
Input (PV)					
Max. PV voltage	1000 VDC				
PV voltage range	150-850 VDC				
PV Isc	25*4 A				
Max. input current	20*4 A				
Output (On Grid)					
Rated output power	17 kW	18 kW	20 kW	22 kW	25 kW
Max. apparent power	18.7 kVA	19.8 kVA	22 kVA	24.2 kVA	27.5 kVA
Rated output voltage	3W/N/PE, 220/380, 230/400, 240/415 VAC				
Max. output current	28.3 A	30 A	33.3 A	36.7 A	41.7 A
Rated AC grid frequency	50/60Hz				
Adjustable power factor	1.0 leading - 1.0 lagging				
Backup parameter (AC)					
Rated output power	17 kW	18 kW	20 kW	22 kW	25 kW
Rated output voltage	3W/N/PE, 220/380, 230/400, 240/415 VAC				
AC frequency	50/60Hz				
Input (DC Battery)					
Operating voltage range	40-60 VDC				
Battery maximum continuous current	420 A				
General Data					
Safety level	Class I				
Degree of protection	IP66				
Operating temperature range	-30°C - +60°C				
FW Version	YG 1.0				

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.