Test Verification of Conformity

Verification Number: 260706130GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant EU legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer

Applicant Name & Address:	Shenzhen Growatt New Energy Co., Ltd Room 101, Building 1, Smart Green Energy Industrial Park, Buildings 1 to 7, No. 291 Yunchang Road, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Product Description:	Hybrid Inverter
Ratings & Principal Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	MODA 4000TL3-HU-Y, MODA 5000TL3-HU-Y, MODA 6000TL3-HU-Y, MODA 8000TL3-HU-Y, MODA 10KTL3-HU-Y, MODA 12KTL3-HU-Y, MODA 15KTL3-HU-Y (Y is variable. Y=1, 2, 3, 4, 5, 6, 7)
Brand Names:	GROWATT
Specification<s>/Standards:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	10 Jul 2026 to 14 Aug 2026
Test Report Number(s):	260706130GZU-001, 14 Aug 2026 260706130GZU-002, 14 Aug 2026

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 14 Aug 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 260706130GZU -VOC001

MODELS LIST	MODA 4000TL3-HU-Y	MODA 5000TL3-HU-Y	MODA 6000TL3-HU-Y	MODA 8000TL3-HU-Y	MODA 10KTL3-HU-Y	MODA 12KTL3-HU-Y	MODA 15KTL3-HU-Y
PV INPUT							
VMAX PV [Vdc]	1000						
ISC PV [A]	25/25/25						
MPP Voltage Range VMPP [Vdc]	140-1000						
Full load MPP Voltage Range VMPP [Vdc]	400-800						
Max. Input Current IMAX [A]	20/20/20						
Number of MPPT trackers	3						
Overvoltage Category (OVC)	II						
BATTERY							
Battery Type	Li-ion or Lead-acid						
Rated input voltage [V]	750						
Input voltage range [V]	660-980						
Max. charge/discharge current [A]	31.8 (For 7kwh pack) 22.7 (For 5kwh pack)						
AC INPUT (Grid)							
Rated Input Voltage [Vac]	220/230						
Rated Input Frequency Fn [Hz]	50/60						
Max. Input Current Imax [A]	63						
Power Factor Range cosφ [λ]	0.80un…0.80ov						
AC OUTPUT (Grid)							
Rated Output Voltage [Vac]	220/230						
Rated Output Frequency Fn [Hz]	50/60						
Active Power Pn [kW]	4	5	6	8	10	12	15
Max. Active Power PEmax [kW]	4	5	6	8	10	12	15
Max. Apparent power SEmax [kVA]	4.4	5.5	6.6	8.8	11	13.2	16.5
Max. Output Current Imax [A]	6.7	8.3	10	13.3	16.7	20	25
Power Factor Range cosφ [λ]	0.80un…0.80ov						
Overvoltage Category (OVC)	III						

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AC OUTPUT (OFF Grid)							
Rated Output Voltage [Vac]	220/230						
Rated Output Frequency Fn [Hz]	50/60						
Rated Active Power Pn [kW]	4	5	6	8	10	12	15
Max. Apparent power PEmax [kVA]	4.8	6	7.2	9.6	12	14.4	18
Max. Output Current Imax [A]	7.3	9.1	10.9	14.5	18.2	21.8	27.3
Power Factor Range cosφ [λ]	0.80un…0.80ov						
Overvoltage Category (OVC)	III						
SYSTEM							
Hardware version	V1.0						
Software version	D01.0						
Type of inverter	Non-isolated						
Type of NS Protection	Integrated						
Noise emission (dB)	≤29						
Protective Class	Class I						
Enclosure Protection (IP)	IP66						
Operating Temperature Range [ºC]	-25 to +55 (derating >45)						
Pollution degree (PD)	PD3(External), PD2(Internal)						
Altitude [m]	4000						
Size [mm] Width* Height*Depth	For 7kwh pack: Inverter:740*360*255Battery module:740*265*255 For 5kwh pack: Inverter:590*360*255 Battery module:590*265*255						
Weight [kg]	For 7kwh pack: Inverter: 35 Battery module: 56.8 For 5kwh pack: Inverter: 32 Battery module: 45				For 7kwh pack: Inverter: 35 Battery module: 56.8 For 5kwh pack: Inverter: 32 Battery module: 45		
Note: Y is variable. Y=1, 2, 3, 4, 5, 6, 7							

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