

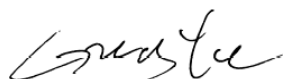
Certificate of Conformity

Certificate Number: CN-PVES-240497

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:	PV Micro inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	NEO 1600M-X2, NEO 1800M-X2, NEO 2000M-X2 NEO 2250M-X2. NEO-2500M-X2
Brand Name<s>:	GROWATT
Product Complies with:	IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for 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>:	240829054GZU-001, 04 Nov 2024 240829054GZU-002, 04 Nov 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 06 November 2024



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-PVES-240497.

Model	NEO 1600M-X2	NEO 1800M-X2	NEO 2000M-X2
Max.DC voltage	60Vdc		
MPP voltage range	16-55Vdc		
Max. input current	18 d.c.A		
PV Isc	20 d.c.A*4		
Max. output power	1600W	1800W	2000W
Max. output apparent power	1600VA	1800VA	2000VA
Nominal AC voltage	230Vac		
Nominal output frequency	50/60Hz		
Max. output current	7.27 a.c.A	8.18 a.c.A	9.09 a.c.A
Power factor range	0.8 leading – 0.8 lagging		
Operating temperature range	–40 °C ... +65°C		
Topology	Isolated		
Protection degree	IP 67		
Protection class	Class I		
Software version	GI1.0		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240497.

Model	NEO 2250M-X2	NEO 2500M-X2
Max.DC voltage	60Vdc	
MPP voltage range	16-55Vdc	
Max. input current	18 d.c.A	
PV Isc	20 d.c.A*4	
Max. output power	2250W	2500W
Max. output apparent power	2250VA	2500VA
Nominal AC voltage	230Vac	
Nominal output frequency	50/60Hz	
Max. output current	10.23 a.c.A	11.36 a.c.A
Power factor range	0.8 leading – 0.8 lagging	
Operating temperature range	–40 °C ... +65°C	
Topology	Isolated	
Protection degree	IP 67	
Protection class	Class I	
Software version	GI1.0	

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