

Certificate of Conformity

Certificate Number: CN-PV-230048

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:	Smarter AC interface
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SYN 50-XH-30, SYN 100-XH-30
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
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>:	220402159GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 14 February 2023



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230048

Model	SYN 50-XH-30	SYN 100-XH-30
Nominal grid voltage	3W/N/PE, 230/400Vac	
Range of grid voltage	312-485Vac (L-L)	
Max. Grid current	63A	125A
Max. continuous grid current	50A	90A
Nominal grid frequency	50/60Hz	
Range of grid frequency	45-65Hz	
Nominal inverter voltage	3W/N/PE, 230/400Vac, 50/60Hz	
Max. continuous inverter input current	26.1A	58A
Nominal backup voltage	3W/N/PE, 230/400Vac, 50/60Hz	
Max. backup output current	26.1A	58A
Ingress protection	IP65	
Operation ambient temperature	-25°C - +50°C	

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