


Test Verification of Conformity

Verification Number: 220402163GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Shenzhen Growatt New Energy Co., Ltd. 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
Product Description:	Smarter AC interface
Models/Type References:	SYN 50-XH-30, SYN 100-XH-30
Ratings & Principle Characteristics:	See Appendix
Brand Name:	GROWATT
Relevant Standards/Directives:	EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019 EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019 EMC Directive 2014/30/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	28 November 2023-12 December 2023
Test Report Number(s):	220402163GZU-001/002
Additional information in Appendix.	



Signature

Name: Sky Zhu
Position: Team Leader
Date: 21 December 2023

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220402163GZU-VOC001

Ratings & Principle Characteristics:

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	

Signature



Name: Sky Zhu

Position: Team Leader

Date: 21 December 2023

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