

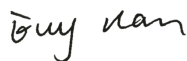
Test Verification of Conformity

Verification Number: 241021057GZU-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:	Emaldo Aps Bygmarken 4A, 3650 Ølstykke, Denmark
Product Description: Ratings & Principle Characteristics: Models/Type References:	Emaldo Hybrid-Inverter See Appendix: Test Verification of Conformity EM-INV-03, EM-INV-03-B, EM-INV-03-* (*=A-Z)
Brand Names:	
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
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:	26 Nov 2024 to 10 Jan 2025
Test Report Number(s):	241021057GZU-001, 18 Mar. 2025 241021057GZU-002, 18 Mar. 2025
Additional information in Appendix.	



Signature

Name: Elly Han
Position: Project Manager
Date: 18 March 2025

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 241021057GZU-VOC001.

Model:	EM-INV-03, EM-INV-03-B, EM-INV-03-* (*=A-Z)
Battery	
Battery Type	LFP
Battery Voltage Range	43.2-57.6 d.c.V
Nominal Battery Voltage	51.2 d.c.V
Max. Charging Current	210 d.c.A
Max. Discharging Current	240 d.c.A
Grid-connected input	
Rated voltage	3/N/PE, 230/400 a.c.V
Rated frequency	50/60Hz
Max. input current	30 a.c.A
Grid Output	
Rated output voltage	3/N/PE, 230/400 a.c.V
Rated output frequency	50/60 Hz
Max. input current	15.8 a.c.A
Max. apparent power	10800VA
Power factor	0.9 leading to 0.9 lagging
Off-Grid output	
Rated Grid voltage	3/N/PE, 230/400 a.c.V
Rated Grid Frequency	50/60 Hz
Max. output current	15.8 a.c.A
Power factor	1.0
General Data	
IP degree	IP20
Protect class	Class I
Operation temperature	-20°C ~ +55°C
Software version	V3.50

Elly Han

Signature

Name: Elly Han

Position: Project Manager

Date: 18 March 2025

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