

Certificate of Conformity

Certificate Number: CN-PVES-250099

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:

Emaldo Aps
Bygmarken 4A, 3650 Ølstykke, Denmark

Product:

Hybrid Inverter

Ratings & Principle

See appendix of Certificate of Conformity

Characteristics:

Model:

EM-INV-03, EM-INV-03-B, EM-INV-03-* (*=A-Z)

Brand Name<s>:



Product Complies with:

EN 50549-1:2019/A1:2023, Requirements for generating plants to be connected
in parallel with distribution networks
Part 1: Connection to a LV distribution network - Generating plants up to and including Type B
EN 50549-10:2022, Requirements for generating plants to be connected in parallel
with distribution networks - Part 10: Tests for conformity assessment of generating units
Type approval for type A and B
EHS:2018, establishing general requirements for mains connection of generators
Sweden considered and type approval for Type A, B
Intertek Testing Services Ltd. Shanghai
West Area, 2nd 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
241021058GZU-002, February 21, 2025

**Certificate Issuing Office
Name & Address:**

Test Report No.<s>:

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 25 February 2025



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250099

Model	EM-INV-03, EM-INV-03-B, EM-INV-03-* (*=A-Z)
Battery	
Rated Voltage	51.2 d.c.V
Voltage Range	43.2~57.6 d.c.V
Max Charging Current	210 d.c.A
Max Discharging Current	240 d.c.A
AC Input	
Rated voltage	3/N/PE 230/400 a.c.V
Rated Frequency	50/60Hz
Max Current	30 a.c.A*3
Grid Output	
Max Apparent Power	10800VA
Rated voltage	3/N/PE 230/400 a.c.V
Rated Frequency	50/60Hz
Max Current	15.8 a.c.A*3
Power Factor	0.9leading~0.9lagging
Off Grid	
Max Apparent Power	10800VA
Rated voltage	3/N/PE 230/400 a.c.V
Rated Frequency	50/60Hz
Max Current	15.8 a.c.A*3
Power Factor	1.0
General	
Operation temperature	Inverter: -20°C~55°C
Protective Class	Class I
Inverter Topology	Transformerless
Dimension(W/H/D)	590*543*275mm
Weight	42kg±1kg
Enclosure Type	IP20
Software version	V3.50

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