

DICHIARAZIONE DI CONFORMITA' ALLA NORMA CEI 0-21

1) Tipologia di apparecchiatura cui si riferisce l'autocertificazione

COSTRUTTORE: Viessmann Climate Solutions GmbH & Co. KG - Viessmannstrasse 1, 35108 Allendorf, Germany

TIPO APPARECCHIATURA: Dispositivo di conversione statica, Dispositivo di interfaccia, Protezione di interfaccia

Modello inverter	Versione firmware	Numero di fasi	Potenza nominale [kW]
Viessmann PV Inverter 50L-3	1.01.01 e successive	Trifase	50

NOTA: Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale

2) Riferimenti dei laboratori che hanno eseguito le prove e dei relativi fascicoli di prova

Fascicoli di prova n°	2603B2342SHA-001
Emessi da	Intertek Testing Services Ltd. Shanghai
Accreditamento	ACCREDIA, certificato n° 01886, rif. ISO/IEC 17025:2012

3) Dichiarazione di conformità alle prescrizioni CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01 + V2/EC:2024-03 + V2/EC2:2025-02

Con la presente dichiarazione, resa ai sensi degli art. 47 DPR 28 dicembre 2000, n. 445, consapevole delle responsabilità e delle sanzioni penali previste dall'art. 76 del citato DPR per false attestazioni e dichiarazioni mendaci, il sottoscritto Christian Pöller, residente in Mittelstraße 25, 35066 Frankenberg/Eder Germany, numero carta d'identità L634XMWKH, in qualità di responsabile R&D/QM della società Viessmann Climate Solutions SE, con sede in Viessmannstraße 1, 35108 Allendorf (Eder), Germany e partita IVA numero DE111845525.

DICHIARA

Che gli inverter di propria costruzione di cui al punto 1, sono conformi alle prescrizioni contenute nella norma CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01 + V2/EC:2024-03 + V2/EC2:2025-02

Allendorf, 18-05-2026




Informativa ai sensi dell'art. 13D. Leg. 196/2003: i dati sopra riportati sono previsti dalle disposizioni vigenti ai fini del procedimento amministrativo per il quale sono richiesti e verranno utilizzati solo per tale scopo.



Certificate of Conformity

Certificate Number: CN-PVES-260113

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:	Viessmann Climate Solutions GmbH&Co.KG Viessmannstr. 1 35108 Allendorf (Eder) Germany
Product:	Grid-Tied PV Inverter
Ratings & Principal Characteristics:	See appendix of Certificate of Conformity
Model:	Viessmann PV Inverter 50L-3
Brand Name<s>:	
Product Complies with:	CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01 + V2/EC:2024-03 + V2/EC2:2025-02: Reference technical rules for the connection of active and passive users to the LV electrical Utilities
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>:	2603B2342SHA-001

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 14 April 2026



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260113

Ratings & Principal Characteristics:

Topology of the device, which this certificate is based on

Interface Device	Interface Protection Device	Static Conversion Device	Rotating Device
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Specifications table for Inverter

Model	Viessmann PV Inverter 50L-3
PV input	
Max. Input Power [W]	90000
Max. Input Voltage [Vd.c.]	1100
MPPT Voltage Range [Vd.c.]	140-1000
MPPT Nominal Power Voltage Range [Vd.c.]	450-850
Nominal Input Voltage (V)	600
Maximum DC Input Current [Ad.c.]	40+40+40+40
ISC PV [A]	52+52+52+52
Overvoltage Category (OVC)	II
Output	
Rated Output Voltage Ur [Va.c.]	220/380, 230/400, 240/415, 3L/N/PE or 3L/PE
Rated Output Frequency [Hz]	50/60
Rated Output Active Power [kW]	50
Maximum Output Active Power [kW]	50
Rated Output Apparent Power [kVA]	50
Maximum Output Apparent Power [kVA]	50
Rated. Output Current Ir [Aa.c.]	75.7/72.4/69.4
Max. Output Current Imax [Aa.c.]	75.7
Power Factor cosφ [λ]	[-0.8, 0.8]
Overvoltage Category (OVC)	III
Others	
Protective Class	I
Enclosure Protection (IP)	IP66
Operating Temperature Range [°C]	-30 to +60 (>45°C derating)
Pollution degree (PD)	III
Altitude [m]	4000
Weight [kg]	33
Dimension [W/H/D] (mm)	646*484*230
Type of inverter	non isolated
Firmware version	V1.01.01

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