

## DICHIARAZIONE DI CONFORMITA' ALLA NORMA CEI 0-16

### 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<sub>dc</sub> 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°	2604B0267SHA-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 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01 + V3/EC:2024-02 + V3/EC2:2024-03 + V4:2025-02

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 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01 + V3/EC:2024-02 + V3/EC2:2024-03 + V4:2025-02

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-260112

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.

<b>Applicant:</b>	Viessmann Climate Solutions GmbH&Co.KG Viessmannstr. 1 35108 Allendorf (Eder) Germany
<b>Product:</b>	Grid-Tied PV Inverter
<b>Ratings &amp; Principal Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	Viessmann PV Inverter 50L-3
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01 + V3/EC:2024-02 + V3/EC2:2024-03 + V4:2025-02: Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> 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
<b>Test Report No.&lt;s&gt;:</b>	2604B0267SHA-001

Additional information in Appendix.

Signature



**Certification Manager: Qiao Qiao**

**Date: 14 April 2026**



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This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260112

### 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	
<b>Model</b>	Viessmann PV Inverter 50L-3
<b>PV input</b>	
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
<b>Output</b>	
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
<b>Others</b>	
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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