

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50728549 0001

Berichtsnummer Report No.:

CN2500BC 003

Genehmigungsinhaber License Holder:

Viessmann Climate Solutions
GmbH & Co. KG
Viessmannstr. 1
35108 Allendorf (Eder)
Deutschland

Fertigungsstätte Manufacturing Site:

2 Fertigungsstätten auf Folgeseiten
Listing of 2 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

EN 62109-1:2010
IEC 62109-1:2010
EN 62109-2:2011
IEC 62109-2:2011

Geräteidentifikation
Product Identification
Produkt:

PV-Inverter

Product:

(Hybrid Inverter)

Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:
Type designation(s) are listed on the next page(s)
Technische Daten:

Refer to the next page(s)

Technical Data:
Gültig ab:

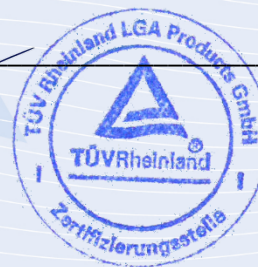
2026-06-05

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2026-06-05

Date of issue:

Bowen-Dong



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50728549 0001

Berichtsnummer *Report No.:*

CN2500BC 003

Produkt *Product:* PV-Inverter
(Hybrid Inverter)

Modell *Type:* **Bezeichnung** *Designation:*
Viessmann Hybrid Inverter 100G-3

For PV input data : See below
 Maximum PV input voltage [Vd.c.] : 1000
 Maximum PV short-circuit current [Ad.c.] : 55*8
 Maximum PV input current [Ad.c.] : 42*8
 Full power MPPT operating range [Vd.c.] : 500–850

For Grid data : See below
 Rated output power[kW] : 100
 Rated output voltage [Va.c.] : 220/380, 230/400, 240/415, 3L/N/PE
 Normal output frequency[Hz] : 50/60
 Maximum output current [Aa.c.] : 167.2 @380Vac, 158.8 @400Vac, 153.1@415Vac
 Power Factor (full load) : [0.8 lagging to 0.8 leading]

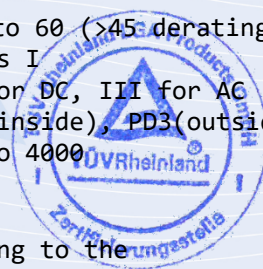
For backup data : See below
 Max. Apparent power [kVA] : 110
 Rated output voltage [Va.c.] : 220/380, 230/400, 240/415, 3L/N/PE
 Rated output Frequency [Hz] : 50/60
 Maximum output current [Aa.c.] : 167.2 @380Vac, 158.8 @400Vac, 153.1@415Vac

For Battery side : See below
 Battery type : LiFePO₄
 Voltage Range [Vd.c.] : 300-800
 Maximum charge/discharge current [Ad.c.] : 110*2/110*2
 Maximum charge/discharge power [kW] : 110/110

Ingress protection : IP66
 Operating temperature [°C] : -35 to 60 (>45°C derating)
 Protective Class : Class I
 Overvoltage Category (OVC) : II for DC, III for AC
 Pollution degree (PD) : PD2(inside), PD3(outside)
 Altitude [m] : Up to 4000

Remark(s):

The installation has to be carried out according to the installation instruction specified by the manufacturer.
 Any additional requirements in countries where the product is going to be marketed have to be considered additionally.



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50728549 0001

Berichtsnummer *Report No.:*
CN2500BC 003

Produkt *Product:*
PV-Inverter (Hybrid Inverter)

Fertigungsstätten *Factories:*

1 040-0002028101

2 040-0002356677

