

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50606676 0001

Berichtsnummer Report No.:

CN21UP9B 005

Genehmigungsinhaber License Holder:

Viessmann Climate Solutions SE
Viessmannstr. 1
35108 Allendorf
Deutschland

Fertigungsstätte Manufacturing Site:

2 Fertigungsstätten auf Folgeseiten
Listing of 2 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification
Produkt:

PV-Inverter ((Grid-connected PV Inverter))

Product:
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:

2023-11-09

Valid from:
Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

2023-11-09

Date of issue:

A. Chen



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
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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50606676 0001

Berichtsnummer *Report No.:*

CN21UP9B 005

Produkt *Product:*

 PV-Inverter
 ((Grid-connected PV Inverter))

Modell *Type:*
Bezeichnung *Designation:*

- 1) Viessmann PV Inverter 1.0-A1
- 2) Viessmann PV Inverter 1.5-A1
- 3) Viessmann PV Inverter 2.0-A1
- 4) Viessmann PV Inverter 2.5-A1

Vmax PV [Vd.c.]	:	1)500	2)500
		3)500	4)600
ISC PV [Ad.c.]	:	18.75	
MPP Voltage Range[Vd.c.]	:	1)40-450	2)50-450
		3)50-450	4)50-550
Max. Input Current[Ad.c.]	:	15	
Overvoltage Category (OVC)	:	II for PV	
Rated Output Voltage[Va.c.]	:	1)230	2)230
		3)230	4)220/230
Rated Output Frequency[Hz]	:	50/60	
Rated Output Power[W]	:	1)1000	2)1500
		3) 2000	4)2500
Max. Output Current[Aa.c.]	:	1)4.8	2)7.2
		3)9.6	4)12
Power Factor	:	[-0.80, +0.80]	
Overvoltage Category (OVC)	:	III for AC mains	
Protective Class	:	I	
Enclosure Protection (IP)	:	IP65	
Pollution degree (PD)	:	PD 3 (outside)	
Altitude [m]	:	up to 3000	
Operating Temperature [°C]	:	-25 to 60 (> 45 derating)	
Type of Inverter	:	Non-isolated	

Remark:

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



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Produkt *Product:*
PV-Inverter
((Grid-connected PV Inverter))

Fertigungsstätten *Factories:*

1 040-0002356677

2 040-0002028101



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50606680 0001
Report No.: CN21UP9B 005
Holder: Viessmann Climate Solutions SE
Viessmannstr. 1
35108 Allendorf
Deutschland
Product: PV-Inverter
(Grid-connected PV Inverter)

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date: 2023-11-09



A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with. CE

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50606680 0001

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: Type Designation
Viessmann PV Inverter 1.0-A1
Viessmann PV Inverter 1.5-A1
Viessmann PV Inverter 2.0-A1
Viessmann PV Inverter 2.5-A1
Serial Number : Engineering samples
Remark(s) : Refer to report CN21UP9B 005
for details.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with. CE