

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50606719 0001

**Berichtsnummer Report No.:**

CN22QU1A 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:**


Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111276706

**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**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

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**TÜVRheinland®**  
Precisely Right.

# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

R 50606719 0001

**Berichtsnummer** *Report No.:*

CN22QU1A 005

**Produkt** *Product:*

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

**Modell** *Type:*
**Bezeichnung** *Designation:*

- 1) Viessmann PV Inverter 3.0E-1
- 2) Viessmann PV Inverter 3.6E-1
- 3) Viessmann PV Inverter 4.2E-1
- 4) Viessmann PV Inverter 5.0E-1
- 5) Viessmann PV Inverter 6.0E-1

|                             |   |                            |        |        |
|-----------------------------|---|----------------------------|--------|--------|
| Vmax PV [Vd.c.]             | : | 600                        |        |        |
| ISC PV [Ad.c.]              | : | 23/23                      |        |        |
| MPP Voltage Range[Vd.c.]    | : | 40-560                     |        |        |
| Max. Input Current[Ad.c.]   | : | 16/16                      |        |        |
| Overvoltage Category (OVC)  | : | II for PV                  |        |        |
| Rated Output Voltage[Va.c.] | : | 220/230                    |        |        |
| Rated Output Frequency[Hz]  | : | 50/60                      |        |        |
| Rated Output Power[W]       | : | 1)3000                     | 2)3600 | 3)4200 |
|                             |   | 4)5000                     | 5)6000 |        |
| Max. Output Current[Aa.c.]  | : | 1)14.4                     | 2)17.3 | 3)20.1 |
|                             |   | 4)24                       | 5)28.8 |        |
| Power Factor                | : | [-0.80, +0.80]             |        |        |
| Overvoltage Category (OVC)  | : | III for AC mains           |        |        |
| Protective Class            | : | I                          |        |        |
| Enclosure Protection (IP)   | : | IP66                       |        |        |
| Pollution degree (PD)       | : | PD 3 (outside)             |        |        |
| Altitude [m]                | : | up to 4000                 |        |        |
| 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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**Berichtsnummer** *Report No.:*  
CN22QU1A 005

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

**Fertigungsstätten** *Factories:*

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1 040-0002028101

2 040-0002356677





# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50606724 0001  
**Report No.:** CN22QU1A 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 50606724 0001

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

**Identification:** Type Designation  
Viessmann PV Inverter 3.0E-1  
Viessmann PV Inverter 3.6E-1  
Viessmann PV Inverter 4.2E-1  
Viessmann PV Inverter 5.0E-1  
Viessmann PV Inverter 6.0E-1

Serial Number : Engineering samples  
Remark(s) : Refer to report CN22QU1A 005  
for details.



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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