

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50490722

Blatt *Sheet*
0007

Ihr Zeichen *Client Reference*
Xie Jing

Unser Zeichen *Our Reference*
01-Jiangyi-CN20CNKF 005

Ausstellungsdatum
22.08.2024

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District
215011 Suzhou
P.R. China

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111234203

Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Wechselrichter (Hybrid Inverter)

as pages 0001-0006

Addition

Type Designation

: 1) GW5K-EHB-AU-G11 ,
2) GW8.6K-EHB-AU-G11 ,
3) GW9.99K-EHB-AU-G11

Vmax PV [Vd.c.]

: 600

Isc PV [Ad.c.]

: 1) 24*3, 2) 3) 24*4

MPP Voltage Range [Vd.c.]

: 80-550

Max. Input Current [Ad.c.]

: 1) 16*3, 2) 3) 16*4

Overvoltage Category (OVC)

: II for PV

Rated Output Volt. [Va.c.]

: L/N/PE, 230

Rated Output Freq. [Hz]

: 50

Rated Output Power. [kW]

: 1) 5, 2) 8.6, 3) 9.99

Max. Output Current. [Aa.c.]

: 1) 21.7, 2) 37.4, 3) 43.4

Power Factor

: -0.8 to 0.8

Overvoltage Category (OVC)

: III for AC mains

Backup Rated Output Volt. [Va.c.]

: L/N/PE, 230

Backup Rated Output Freq. [Hz]

: 50

Backup Max.Apparent power [kVA]

: 1) 5.25, 2) 9.03, 3) 10.5

Backup Max.Output Current [A]

: 1) 22.8, 2) 39.3, 3) 45.7

Continued on page 0008

ANLAGE (Appendix): 1.4

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



Zertifizierungsstelle

A. Chen

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Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

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PV-Wechselrichter (Hybrid Inverter)

as page 0007 continuation

VMAX BAT[Vd.c.] : 495
Battery Type : Li-Ion
Voltage Range[Vd.c.] : 80-495
Max.Charge/Discharge Current I_{MAX}[A] : 50
Overvoltage Category (OVC) : II for Battery

Protective Class : Class I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD 3
Operating Temperature [°C] : -35 to 60 (> 45 derating)
Altitude[m] : up to 4000
Type of Inverter : Non-isolated

Remark(s) :

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.

ANLAGE (Appendix) : 1.4

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.
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http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935



Zertifizierungsstelle

A. Chen

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50634146 0001
Report No.: CN20CNKF 005
Holder: GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District
215011 Suzhou
P.R. China
Product: PV-Inverter
(Hybrid 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: 2024-08-22


A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50634146 0001

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation
GEH5.0-1U-10 , GEH8.6-1U-10 , GEH10-1U-10 ,
GW5K-EHB-AU-G11 , GW8.6K-EHB-AU-G11 ,
GW9.99K-EHB-AU-G11

Serial No.:

Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50490722 0001-0008.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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