

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50701786 0001

Berichtsnummer Report No.:

CN25VLUO 001

Genehmigungsinhaber License Holder:

GoodWe Technologies Co., Ltd.

No.90 Zijin Rd., New District

215011 Suzhou

P.R. China

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 1111309178

Geprüft nach Tested according to:

IEC 62477-1:2012+A1

EN 62477-1:2012+A11+A1+A12

IEC 62477-1:2022

EN IEC 62477-1:2023

Geräteidentifikation
Product Identification
Produkt:
Product:

Inverter

(AC-Coupled Inverter)

Modell:
Type:

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

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

Refer to the next page(s)

ANLAGE (Appendix): 1.0

Gültig ab:
Valid from:

2025-11-06

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2025-11-06


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
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Produkt *Product:* Inverter
(AC-Coupled Inverter)

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

- 1) GW3K-BHA-G20 2) GW3.6K-BHA-G20
 3) GW5K-BHA-G20 4) GW6K-BHA-G20
 5) GW8K-BHA-G20 6) GW9.999K-BHA-G20
 7) GW10K-BHA-G20

Nominal Output Voltage [Va.c.]	: L/N/PE, 220/230/240
Nominal Output Frequency [Hz]	: 50/60
Nominal Output Power [kW]	: 1) 3 , 2) 3.6, 3) 5 , 4) 6, 5) 8 , 6) 9.999, 7) 10
Max. Output Current [Aa.c.]	: 1) 13.7/13.1/12.5, 2) 16.4/15.7/15, 3) 22.8/21.8/20.9, 4) 27.3/26.1/25, 5) 36.4/34.8/33.4, 6) 43.5/43.5/41.7, 7) 43.5/43.5/41.7
Nominal Grid Voltage [Va.c.]	: L/N/PE, 220/230/240
Nominal Grid Frequency [Hz]	: 50/60
Nominal Apparent Power from Grid [kVA]	: 1) 3, 2) 3.6, 3) 5, 4) 6, 5) 8, 6) 9.999, 7) 10
Max. Apparent Power from Grid [kVA]	: 1) 6, 2) 7.2, 3) 10, 4) 12, 5) 14.5, 6) 14.5, 7) 14.5
Max. Current from Grid [Aa.c.]	: 1) 27.3/26.1/25 , 2) 32.8/31.4/30, 3) 45.5/43.5/41.7, 4) 50/50/50, 5) 63/63/60.5 , 6) 63/63/60.5, 7) 63/63/60.5
Power Factor	: -0.80 to +0.80
Overvoltage Category (OVC)	: III for AC mains
Backup Nominal Output Voltage [Va.c.]	: L/N/PE, 220/230/240
Backup Nominal Output Frequency [Hz]	: 50/60
Backup Nominal Output Apparent power [kVA]	: 1) 3, 2) 3.6, 3) 5, 4) 6, 5) 8, 6) 10, 7) 10
Backup Max. Output Apparent power [kVA]	: 1) 6 , 2) 7.2, 3) 10 , 4) 12, 5) 14.5, 6) 14.5, 7) 14.5
Backup Max. Output Current [Aa.c.]	: 1) 27.3, 2) 32.8, 3) 45.5, 4) 50, 5) 63, 6) 63,

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Produkt *Product:*

 Inverter
 (AC-Coupled Inverter)

Modell *Type:*
Bezeichnung *Designation:*

7) 63

Vmax. BAT [Vd.c.]	: 550
Battery Type	: LFP (LiFePO ₄)
Voltage Range [Vd.c.]	: 350-550
Max. Charge/Discharge Current [Ad.c.]	: 1) 7.9/8.7 , 2) 9.5/10.5, 3) 13.2/14.5, 4) 15.8/17.4, 5) 21.1/23.2, 6) 26.4/29, 7) 26.4/29
Overvoltage Category(OVC)	: II for Battery
Protective Class	: Class I
Ingress Protection(IP)	: IP66
Pollution Degree(PD)	: PD3
Operating Temperature [°C]	: -35 to 60 (>40 derating)
Max. Operating Altitude [m]	: 4000
Type of Inverter	: Non-isolated

Remark(s):

The installation has to be carried out according to the installation instruction specified by the manufacturer.
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Fertigungsstätten *Factories:*

- 1 GoodWe (GuangDe) Power Supply
Technology Co., Ltd.
No. 208, Tong Rui East Road
Guangde
Anhui
P.R. China
- 2 GOODWE VIETNAM TECHNOLOGY
COMPANY LIMITED
Factory A1, A2, Lot CN1N, Maritime
Industrial and Service Park (Deep C2B),
Dinh Vu – Cat Hai Economic Zone,
Dong Hai 2 Ward, Hai An District
Hai Phong City,
Vietnam

