

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50704979 0001

Berichtsnummer Report No.:

CN25GFZR 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:

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:

Converter

Product:

(AC-Coupled 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:

ANLAGE (Appendix): 1.0

Gültig ab:

2025-12-02

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2025-12-02

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

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

- 1) GW5K-BTA-G20 , 2) GW6K-BTA-G20 ,
 3) GW8K-BTA-G20 , 4) GW9.999K-BTA-G20 ,
 5) GW10K-BTA-G20 , 6) GW12K-BTA-G20 ,
 7) GW15K-BTA-G20 , 8) GW20K-BTA-G20 ,
 9) GW25K-BTA-G20 , 10) GW29.999K-BTA-G20 ,
 11) GW30K-BTA-G20

Rated Output Volt. [Va.c.] : 3L/N/PE, 220/380, 230/400
 Rated Output Freq. [Hz] : 50/60
 Rated Output Power. [kW] : 1) 5 ; 2) 6 ; 3) 8;
 4) 9.999; 5) 10; 6) 12;
 7) 15 ; 8) 20; 9) 25;
 10) 29.999; 11) 30;

Max. Output Current [Aa.c.] : 1) 7.6@380V, 7.3@400V;
 2) 9.1@380V, 8.7@400V;
 3) 12.2@380V, 11.6@400V;
 4) 15.2@380V, 14.5@400V;
 5) 15.2@380V, 14.5@400V;
 6) 18.2@380V, 17.4@400V;
 7) 22.8@380V, 21.8@400V;
 8) 30.4@380V, 29.0@400V;
 9) 37.9@380V, 36.3@400V;
 10) 45.5@380V, 43.5@400V;
 11) 45.5@380V, 43.5@400V;

Power Factor : -0.80 to +0.80
 Overvoltage Category (OVC) : III for AC mains

Backup Rated Output Voltage [Va.c.] : 3L/N/PE, 220/380, 230/400
 Backup Rated Output Frequency [Hz] : 50/60
 Backup Rated Apparent power [kVA] : 1) 5 ; 2) 6 ; 3) 8;
 4) 10 ; 5) 10; 6) 12;
 7) 15 ; 8) 20; 9) 25;
 10) 30 ; 11) 30;

Backup Rated Output Current [Aa.c.] : 1) 7.6@380V, 7.3@400V;
 2) 9.1@380V, 8.7@400V;
 3) 12.2@380V, 11.6@400V;
 4) 15.2@380V, 14.5@400V;
 5) 15.2@380V, 14.5@400V;
 6) 18.2@380V, 17.4@400V;
 7) 22.8@380V, 21.8@400V;
 8) 30.4@380V, 29.0@400V;
 9) 37.9@380V, 36.3@400V;
 10) 45.5@380V, 43.5@400V;
 11) 45.5@380V, 43.5@400V;

Vmax BAT [Vd.c.] : 950
 Battery Type : Li-Ion
 Voltage Range [Vd.c.] : 700-950
 Max.Charge/Discharge Current [Ad.c.]: 1) 6.7/7.4 ; 2) 8.1/8.9;

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

3) 10.7/11.8; 4) 13.4/14.7;
5) 13.4/14.7; 6) 16.1/17.7;
7) 20.1/22.1; 8) 26.7/29.4;
9) 33.3/36.7; 10) 40.0/44.1;
11) 40.0/44.1;

Overvoltage Category (OVC)

: II for Battery

Protective Class

: Class I

Ingress Protection (IP)

: IP66

Pollution Degree (PD)

: PD3

Altitude[m]

: ≤4000

Operating Temperature [°C]

: -35 to 60 (> 40 derating)

Type of Inverter

: Non-isolated

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.



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Converter (AC-Coupled Inverter)

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

