

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50704968 0001

Berichtsnummer Report No.:

CN2521CR 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 1111310233

Geprüft nach Tested according to:

EN 62109-1:2010

IEC 62109-1:2010

EN 62109-2:2011

IEC 62109-2:2011

Geräteidentifikation
Product Identification
Produkt:
Product:

PV-Inverter

(Hybrid 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:

2025-12-02

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2025-12-02


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.

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www.tuv.com

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Produkt *Product:* PV-Inverter
(Hybrid Inverter)

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

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

Vmax PV [Vd.c.] : 1000
 Isc PV [Ad.c.] : 1)2)3) 26/26/26;
 4)5)6)7)8) 26/26/26/26;
 9)10)11) 26/26/52/52
 MPP Voltage Range[Vd.c.] : 120-950
 Max. Input Current [Ad.c.] : 1)2)3) 21/21/21;
 4)5)6)7)8) 21/21/21/21;
 9)10)11) 21/21/42/42
 Overvoltage Category (OVC) : II for PV
 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;



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Produkt *Product:* PV-Inverter
(Hybrid Inverter)

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

Vmax BAT [Vd.c.]	: 950
Battery Type	: Li-Ion
Voltage Range [Vd.c.]	: 700-950
Max.Charge/Discharge Current [Ad.c.]:	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;
Overvoltage Category (OVC)	1) 6.7/7.4 ; 2) 8.1/8.9; 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; : 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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Produkt *Product:*
PV-Inverter (Hybrid 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

