

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50625712 0001

Berichtsnummer Report No.:

CN24T566 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 1111283542

Geprüft nach Tested according to:

EN 62109-1:2010

EN 62109-2:2011

IEC 62109-1:2010

IEC 62109-2:2011

Geräteidentifikation
Product Identification
Produkt: PV-Inverter
Product: (Hybrid 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 next page(s)
Technical Data: ANLAGE (Appendix): 1.0

Gültig ab: 2024-04-17
Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2024-04-17
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

Fax: +49 221 806-3935

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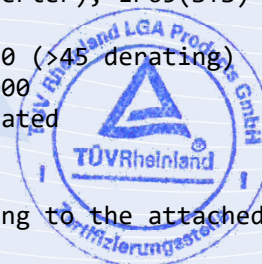
Produkt Product: PV-Inverter
(Hybrid Inverter)

Modell Type: Bezeichnung Designation:

For models	:	GW40K-ET-10	GW50K-ET-10
Vmax PV [Vd.c.]	:	1000	
Isc PV [Ad.c.]	:	55 + 42 + 55	55 + 42 + 55 + 42
MPP Voltage Range [Vd.c.]	:	200-800	
Max. Input Current [Ad.c.]	:	42 + 32 + 42	42 + 32 + 42 + 32
Overvoltage Category (OVC)	:	II for PV	
Rated Output Voltage [Va.c.]	:	3L/N/PE,230/400,220/380	
Rated Output Power [kW]	:	40	50
Rated Output Frequency [Hz]	:	50/60	
Max. Output Current [Aa.c.]	:	60.6	75.8
Power Factor	:	-0.80 to +0.80	
Overvoltage Category (OVC)	:	III for AC mains	
Backup Rated Output Volt.[Va.c.]	:	3L/N/PE,230/400,220/380	
Backup Rated Output Freq.[Hz]	:	50/60	
Backup Rated Apparent power[kVA]	:	44	55
Backup Rated Output Current[Aa.c.]	:	66.7	83.3
Vmax BAT[Vd.c.]	:	800	
Battery Type	:	Li-Ion	
Voltage Range[Vd.c.]	:	200-800	
Max.Charge/Discharge Current[A]	:	100/100	
Overvoltage Category(OVC)	:	II for Battery	
Protective Class	:	Class I	
Ingress Protection(IP)	:	IP66(inverter), IP65(STS)	
Pollution Degree(PD)	:	PD3	
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.



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Zertifikatsnummer *Certificate No.:*

R 50625712 0001

Berichtsnummer *Report No.:*

CN24T566 001

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



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50625764 0001
Report No.: CN24T566 001
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: 2024-04-17



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 50625764 0001

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation
GW40K-ET-10 GW50K-ET-10

Serial No.: Engineering sample

Remark(s) : Refer to the report CN24T566 001
for details.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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