

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50603523 0001

Berichtsnummer Report No.:

CN238LM7 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 1111275628

Geprüft nach Tested according to:

IEC 62109-1:2010

IEC 62109-2:2011

EN 62109-1:2010

EN 62109-2:2011

Geräteidentifikation
Product Identification
Produkt: PV-Inverter (Grid-connected PV Inverter)

Product:
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: 2023-09-28

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2023-09-28

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.

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TÜVRheinland®
Precisely Right.

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Produkt *Product:* PV-Inverter
(Grid-connected PV Inverter)

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

For	:	1) GW8000-SDT-30	2) GW10K-SDT-30
		3) GW10K-SDT-EU30	4) GW12K-SDT-30
Vmax PV [Vd.c.]	:	1100	
Isc PV [Ad.c.]	:	27.5*2	
MPP Voltage Range[Vd.c.]	:	140-1000	
Max. Input Current [Ad.c.]	:	22*2	
Overvoltage Category (OVC)	:	II for PV	
Rated Output Volt. [Va.c.]	:	3L/N/PE, 3L/PE, 220/380, 230/400, 240/415	
Rated Output Freq. [Hz]	:	50 / 60	
Rated Output Power. [kW]	:	1)8	2)10
		3)10	4)12
Max. Output Current. [Aa.c.]:	:	1)13.4	2)16.7
		3)15.2	4)20.0
Overvoltage Category (OVC)	:	III for AC mains	
For	:	5) GW15K-SDT-30	6) GW17K-SDT-30
		7) GW20K-SDT-30	
Vmax PV [Vd.c.]	:	1100	
Isc PV [Ad.c.]	:	5)27.5*2	6)40+27.5
		7)40+27.5	
MPP Voltage Range[Vd.c.]	:	140-1000	
Max. Input Current [Ad.c.]	:	5)22*2	6)32+22
		7)32+22	
Overvoltage Category (OVC)	:	II for PV	
Rated Output Volt. [Va.c.]	:	3L/N/PE, 3L/PE, 220/380, 230/400, 240/415	
Rated Output Freq. [Hz]	:	50 / 60	
Rated Output Power. [kW]	:	5)15	6)17
		7)20	
Max. Output Current. [Aa.c.]:	:	5)25.0	6)28.3
		7)33.3	
Overvoltage Category (OVC)	:	III for AC mains	
For	:	8) GW12KLV-SDT-C30	9) GW17KLV-SDT-C30
		10) GW25K-SDT-C30	11) GW30K-SDT-C30
Vmax PV [Vd.c.]	:	8)850	9)850
		10)1100	11)1100
Isc PV [Ad.c.]	:	8)40+27.5	9)52.5+40
		10)52.5+27.5	11)52.5+40
MPP Voltage Range[Vd.c.]	:	8)140-700	9)140-700
		10)140-1000	11)140-1000
Max. Input Current [Ad.c.]	:	8)32+22	9)42+32
		10)42+22	11)42+32
Overvoltage Category (OVC)	:	II for PV	
Rated Output Volt. [Va.c.]	:	8)9) 3L/N/PE, 3L/PE, 127/220	
		10)11) 3L/N/PE, 3L/PE, 220/380,	



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Produkt *Product:*

 PV-Inverter
 (Grid-connected PV Inverter)

Modell *Type:*
Bezeichnung *Designation:*

		230/400, 240/415
Rated Output Freq. [Hz]	: 8)9)	60
	10)11)	50 / 60
Rated Output Power. [kW]	: 8)12	9)17
	10)25	11)30
Max. Output Current. [Aa.c.]	: 8)33.3	9)50.0
	10)41.7	11)50.0
Overvoltage Category (OVC)	: III	for AC mains

Protective Class	: Class I
Ingress Protection (IP)	: IP66
Pollution Degree (PD)	: PD3
Altitude[m]	: ≤4000
Operating Temperature [°C]	: -30 to 60 (> 45 derating)
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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Produkt *Product:*
PV-Inverter
(Grid-connected PV 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 50603535 0001
Report No.: CN238LM7 001
Holder: GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District
215011 Suzhou
P.R. China
Product: PV-Inverter
Grid-connected PV 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: 2023-09-28


A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50603535 0001

Product: PV-Inverter
Grid-connected PV Inverter

Identification: Type Designation
For : 1) GW8000-SDT-30 2) GW10K-SDT-30
3) GW10K-SDT-EU30 4) GW12K-SDT-30
5) GW15K-SDT-30 6) GW17K-SDT-30
7) GW20K-SDT-30 8) GW12KLV-SDT-
C30 9) GW17KLV-SDT-C30 10) GW25K-SDT-C30
11) GW30K-SDT-C30
Serial Number : Engineering Samples
Remark(s) : Issued in conjunction with TÜV
Rheinland license R 50603523 0001.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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