

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50558617

Blatt Sheet
0001

Ihr Zeichen Client Reference
Jiang Tao

Unser Zeichen Our Reference
01-Kese-CN221BOZ 001

Ausstellungsdatum Date of Issue
30.09.2022 (day/mo/yr)

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

Fertigungsstätte Manufacturing Plant
Refer to latest revision
of the annex list of factories

Prüfzeichen Test Mark



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111259267

Geprüft nach Tested acc. to

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

**Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)**

**Lizenzentgelte - Einheit
License Fee - Unit**

PV-Wechselrichter (Grid-connected Hybrid Inverter) [®]

Type Designation	: GW15K-ET GW20K-ET	11
V _{maxpv} [Vd.c.]	: 1000	
I _{scpv} [Ad.c.]	: 38/38	
MPP Voltage Range [Vd.c.]	: 200-850	
MPP Voltage Range at full load [Vd.c.]	: 400-850	
Max. Input Current [Ad.c.]	: 30/30	
Overvoltage Category (OVC)	: II for PV	
Rated Output Voltage [Va.c.]	: 380/400, 3L/N/PE	
Rated Output Power [kW]	: 15 20	
Rated Output Frequency [Hz]	: 50/60	
Max. Output Current [Aa.c.]	: 25 33.3	
Power Factor	: 0.80(d) to 0.80(g)	
Overvoltage Category (OVC)	: III for AC mains	

continued on page 0002

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ANLAGE (Appendix): 1.0

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.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

A. Chen

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Zertifikat Nr. Certificate No.
R 50558617

Blatt Sheet
0002

Ihr Zeichen Client Reference
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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-connected Hybrid Inverter) [®]

as page 0001 continuation

Backup Rated Output Volt. [Va.c.] : 380/400, 3L/N/PE
Backup Rated Output Freq. [Hz] : 50/60
Backup Max. Apparent power [kVA] : 15 20
Backup Max. Output Current [A] : 22.7 30.3
Overvoltage Category (OVC) : II for Backup

VMAX BAT [Vd.c.] : 800
Battery Type : Li-ion battery
Voltage Range [Vd.c.] : 200-800
Max. Charge/Discharge Current I_{max} [A] : 50/50
Overvoltage Category (OVC) : II for Battery

continued on page 0003

ANLAGE (Appendix): 1.0

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50558617

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
Jiang Tao

Unser Zeichen *Our Reference*
01-Kese-CN221BOZ 001

Ausstellungsdatum *Date of Issue*
30.09.2022 (day/mo/yr)

Genehmigungsinhaber *License Holder*
GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District
215011 Suzhou
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
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Prüfzeichen *Test Mark*



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Geprüft nach *Tested acc. to*

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IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Wechselrichter (Grid-connected Hybrid Inverter) [®]

as page 0002 continuation
Type Designation

: GW25K-ET GW29.9K-ET
GW30K-ET

3

Vmaxpv [Vd.c.] : 1000
Iscpv [Ad.c.] : 38/38/38
MPP Voltage Range [Vd.c.] : 200-850
MPP Voltage Range at full load [Vd.c.] : 450-850
Max. Input Current [Ad.c.] : 30/30/30
Overvoltage Category (OVC) : II for PV

Rated Output Voltage [Va.c.] : 380/400, 3L/N/PE
Rated Output Power [kW] : 25 29.9
30

Max. Output Current [Aa.c.] : 41.7 49.8
50

Rated Output Frequency [Hz] : 50/60
Power Factor : 0.80(d) to 0.80(g)
Overvoltage Category (OVC) : III for AC mains

continued on page 0004

ANLAGE (Appendix): 1.0

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Zertifikat Nr. Certificate No.
R 50558617

Blatt Sheet
0004

Ihr Zeichen Client Reference
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Unser Zeichen Our Reference
01-Kese-CN221BOZ 001

Ausstellungsdatum Date of Issue
30.09.2022 (day/mo/yr)

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

Fertigungsstätte Manufacturing Plant
Refer to latest revision
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ID 1111259267

Geprüft nach Tested acc. to

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**Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)**

**Lizenzentgelte - Einheit
License Fee - Unit**

PV-Wechselrichter (Grid-connected Hybrid Inverter) [®]

as page 0003 continuation

Backup Rated Output Volt. [Va.c.]	:	380/400, 3L/N/PE
Backup Rated Output Freq. [Hz]	:	50/60
Backup Max. Apparent power [kVA]	:	25 29.9 30
Backup Max. Output Current [A]	:	37.9 45.5 45.5
Overvoltage Category (OVC)	:	II for Backup
VMAX BAT [Vd.c.]	:	800
Battery Type	:	Li-ion battery
Voltage Range [Vd.c.]	:	200-800
Max. Charge/Discharge Current I _{MAX} [A]	:	50*2/50*2
Overvoltage Category (OVC)	:	II for Battery

continued on page 0005

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Zertifikat Nr. Certificate No.
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0005

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Unser Zeichen Our Reference
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Ausstellungsdatum Date of Issue
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No.90 Zijin Rd., New District
215011 Suzhou
P.R. China

Fertigungsstätte Manufacturing Plant
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EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-connected Hybrid Inverter) [®]

as page 0004 continuation

Protective Class : Class I
Ingress Protection(IP) : IP66
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.

ANLAGE (Appendix) : 1.0

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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935



Zertifizierungsstelle

A. Chen

Anlage Fertigungsstättenliste
/Attachment List of Factories



R 50558617 0001

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

2 GoodWe (GuangDe) Power Supply
Technology Co., Ltd.
No.208, Tong Rui East Road,
Guangde,
Anhui
P.R. China



TÜVRheinland®

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 30.09.2022



Zertifizierungsstelle
/ Certification Body


A. Chen

GoodWe Technologies Co., Ltd.
Mr. Jiang Tao

Date : 30.09.2022
Our ref. : Kese 01
Your ref.: Jiang Tao

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

Ref : R TÜV-Mark Approval

Type of Equipment : Grid-connected Hybrid Inverter
Model Designation : See Certificate
Certificate No. : R 50558617 0001
Report No. : CN221BOZ 001

Dear Mr. Jiang Tao,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body


A. Chen

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50558627 0001

Report No.: CN221BOZ 001

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

Product: PV-Inverter
(Grid-connected Hybrid Inverter)

Identification: Type Designation: GW15K-ET GW20K-ET GW25K-ET
GW29.9K-ET GW30K-ET

Serial Number : Engineering samples
Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50558617 pages 0001-0005.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, 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 30.09.2022



A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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



GoodWe Technologies Co., Ltd.
Mr. Jiang Tao

Date : 30.09.2022
Our ref. : Kese 01
Your ref.: Jiang Tao

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

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Grid-connected Hybrid Inverter
Model Designation : See Certificate
Certificate No. : AN 50558627 0001
Report No. : CN221BOZ 001

Dear Mr. Jiang Tao,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


A. Chen

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询