

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50517082

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
X.J

Unser Zeichen *Our Reference*
01-PJG-CN21EQNL 001

Ausstellungsdatum *Date of Issue*
03.09.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*
JIANGSU GOODWE POWER SUPPLY
TECHNOLOGY CO., LTD.
No.90 Zijin Rd.,
New District, Suzhou
215011 Jiangsu
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 1111244353

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 (Hybrid inverter)

Type designation	: GW50K-ETC	10
For Battery side	: See below	
Voltage range[Vd.c.]	: 200 - 865	
Max. charge/discharge current [Ad.c.]	: 100/100	
Overvoltage Category (OVC)	: II	
Battery type	: Li-Ion	
For PV String input side	: See below	
Vmax PV [Vd.c.]	: 1000	
Isc PV [Ad.c.]	: 125	
MPP Voltage Range [Vd.c.]	: 250-850	
MPPT Full Power Voltage Range [Vd.c.]	: 510-850	
Max. Input Current [Ad.c.]	: 100	
Overvoltage Category (OVC)	: II	

Continued on page 0002

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ANLAGE (Appendix): 1

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety



Weichun Li

Zertifikat

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Zertifikat Nr. *Certificate No.*
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0002

Ihr Zeichen *Client Reference*
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Unser Zeichen *Our Reference*
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TECHNOLOGY CO., LTD.
No.90 Zijin Rd.,
New District, Suzhou
215011 Jiangsu
P.R. China

Fertigungsstätte *Manufacturing Plant*
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Zertifiziertes Produkt (*Geräteidentifikation*) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Wechselrichter (Hybrid inverter)

For On-grid port : See below
Rated Output Voltage [Va.c.] : 400, 3L/N/PE
Rated Output Freq. [Hz] : 50
Rated Output Power. [kW] : 50
Max. Output Apparent Power [kVA] : 52.5
Rated Output Current. [Aa.c.] : 72.5
Max. Output Current. [Aa.c.] : 76
Output Power Factor : 1 (default), [-0.8, 0.8]
Overvoltage Category (OVC) : III
Max. apparent power from Grid [kVA] : 52.5
Max Current from Grid [Aa.c.] : 145

For Back-up port : See below
Rated Output Voltage [Va.c.] : 400, 3L/N/PE
Rated Output Power. [kW] : 50
Rated Output Freq. [Hz] : 50
Max. Output Apparent Power [kVA] : 55
Rated Output Current. [Aa.c.] : 72.5
Max. Output Current. [Aa.c.] : 76
Output Power Factor : 1 (default), [-0.8, 0.8]
Continued on page 0003

ANLAGE (Appendix): 1

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.
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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Weichun Li

Zertifikat

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Zertifikat Nr. *Certificate No.*
R 50517082

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
X.J

Unser Zeichen *Our Reference*
01-PJG-CN21EQNL 001

Ausstellungsdatum *Date of Issue*
03.09.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*
JIANGSU GOODWE POWER SUPPLY
TECHNOLOGY CO., LTD.
No.90 Zijin Rd.,
New District, Suzhou
215011 Jiangsu
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
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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 (Hybrid inverter)

as page 0002 Continuation

Protective Class : Class I
Ingress Protection (IP) : IP20
Pollution degree (PD) : PD2
Altitude [m] : 4000
Operating Temperature [°C] : -20 to 60 (> 45 derating)
Type of Inverter : Non-isolated

Remark:

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

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Weichun Li

Anlage Fertigungsstättenliste
/Attachment List of Factories



R 50517082 0001


1 JIANGSU GOODWE POWER SUPPLY
TECHNOLOGY CO., LTD.
No.90 Zijin Rd.,
New District, Suzhou
215011 Jiangsu
P.R. China

2 GOODWE (GUANGDE) POWER SUPPLY TECHNOLOGY
CO.,LTD.
No, 208 Tongrui east Rd., Guangde,
Xuancheng,
Anhui
P.R. China

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

Datum / Date 03.09.2021




Weichun Li

JIANGSU GOODWE POWER SUPPLY
TECHNOLOGY CO., LTD.
Mr. Jiang Tao

Date : 03.09.2021
Our ref. : PJG 01
Your ref.: X.J

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

Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : Hybrid inverter
Model Designation : See Certificate
Certificate No. : R 50517082 0001
Report No. : CN21EQNL 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.

With kind regards,

Certification Body


Weichun Li

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50517082

Blatt *Sheet*
0004

Ihr Zeichen *Client Reference*
X.J

Unser Zeichen *Our Reference*
01-Kese-CN21EQNL 002

Ausstellungsdatum *Date of Issue*
13.01.2022 (day/mo/yr)

Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

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

Prüfzeichen *Test Mark*



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www.tuv.com
ID 1111244353

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)***

PV-Wechselrichter (Hybrid inverter)

as page 0003 continuation

Change

License holder and manufacturing plant 1:
GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District, Suzhou, 215011, P.R. China

Name and address of manufacturing plant 2:
GoodWe (GuangDe) Power Supply Technology Co., Ltd.
No.208,Tong Rui East Road, Guangde, Anhui, P.R. China

**Lizenzentgelte - Einheit
*License Fee - Unit***

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



Bruce Li

Bruce Li

GoodWe Technologies Co., Ltd.
Mr. Jiang Tao

Date : 13.01.2022
Our ref. : Kese 01
Your ref.: X.J

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

Ref : R TÜV-Mark Approval

Type of Equipment : Hybrid inverter
Model Designation : See Certificate
Certificate No. : R 50517082 0004
Report No. : CN21EQNL 002

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


Bruce Li

Enclosure

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50517082

Blatt *Sheet*
0005

Ihr Zeichen *Client Reference*
X.J

Unser Zeichen *Our Reference*
01-Kese-CN21EQNL 003

Ausstellungsdatum
07.04.2022

Date of Issue
(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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**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV-Wechselrichter (Hybrid inverter)

as page 0004 continuation

Modification:

1. Change the data of Max apparent power from Grid [kVA]
from 52.5 to 55
2. Change the data of Max Current from Grid [Aa.c.]
from 145 to 100

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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

GoodWe Technologies Co., Ltd.
Mr. Jiang Tao

Date : 07.04.2022
Our ref. : Kese 01
Your ref.: X.J

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

Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : Hybrid inverter
Model Designation : See Certificate
Certificate No. : R 50517082 0005
Report No. : CN21EQNL 003

Dear Mr. Jiang Tao,

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

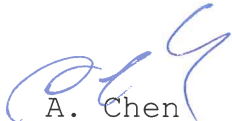
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