

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50478072

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0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
X.J	02-CSC-60406769 001	17.08.2020 (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*

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

### Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 111128236

### 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 PV Inverter)

Type designation	: 1) GEP5.0-1-10 2) GEP4.6-1-10 3) GEP4.2-1-10	10
V <sub>max</sub> PV [Vd.c.]	: 600	
ISC PV [Ad.c.]	: 16.3/16.3	
MPP Voltage Range [Vd.c.]	: 80-550	
Max. Input Current [Ad.c.]	: 13/13	
Overvoltage Category (OVC)	: II for PV	
Rated Output Voltage [Va.c.]	: 220/230	
Rated Output Frequency [Hz]	: 50/60	
Rated Output Power [kW]	: 1) 5.0      2) 4.6      3) 4.2	
Max. Output Current [Aa.c.]	: 1) 25      2) 20      3) 21	
Power Factor	: 1 (default) , [-0.80, +0.80]	
Overvoltage Category (OVC)	: III for AC mains	

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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



Bruce Li

Bruce Li

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50478072

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0002

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
X.J	02-CSC-60406769 001	17.08.2020	

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

## Prüfzeichen *Test Mark*



Bauart geprüft  
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www.tuv.com  
ID 111128236

## 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 PV Inverter)

Type designation	: 1) GEP3.6-1-10	2
	2) GEP3.5-1-10	
V <sub>max</sub> PV [Vd.c.]	: 600	
ISC PV [Ad.c.]	: 16.3/16.3	
MPP Voltage Range [Vd.c.]	: 80-550	
Max. Input Current [Ad.c.]	: 13/13	
Overvoltage Category (OVC)	: II for PV	
Rated Output Voltage [Va.c.]	: 220/230	
Rated Output Power [kW]	: 1) 3.6      2) 3.5	
Rated Output Frequency [Hz]	: 50/60	
Max. Output Current [Aa.c.]	: 1) 18      2) 15.2	
Power Factor	: 1 (default) , [-0.80, +0.80]	
Overvoltage Category (OVC)	: III for AC mains	

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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



*Bruce Li*

**Bruce Li**

# Zertifikat

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Zertifikat Nr. *Certificate No.*  
R 50478072

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0003

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
X.J	02-CSC-60406769 001	17.08.2020	

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

## Prüfzeichen *Test Mark*



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111228236

## 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 PV Inverter)

as page 0002 Continuation

Protective Class : Class I  
Enclosure Protection (IP) : IP65  
Pollution degree (PD) : PD 3  
Altitude [m] : 4000  
Operating Temperature [°C] : -25 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

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



*Bruce Li*  
**Bruce Li**

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

Date : 17.08.2020  
Our ref. : CSC 02  
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 : Grid-connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : R 50478072 0001  
Report No. : 60406769 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

  
Bruce Li

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://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 50478080 0001

Report No.: 60406769 001

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

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

**Identification:** Type Designation: GEP5.0-1-10 GEP4.6-1-10  
GEP4.2-1-10 GEP3.6-1-10 GEP3.5-1-10  
Serial Number : Engineering Samples  
Remark(s) : Issued in conjunction with TÜV Rheinland  
license R 50478072 0001-0003.

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.



Date 17.08.2020

  
Bruce Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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

Date : 17.08.2020  
Our ref. : CSC 01  
Your ref.: Jing Xie

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

**Ref : AN Certificate of Conf. Low Voltage D.**

Type of Equipment : Grid-connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : AN 50478080 0001  
Report No. : 60406769 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



Bruce Li

Enclosure

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