Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*
R 50491435

Blatt *Sheet*
0011

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue*
Jiang Tao	01-EQ-CN20TNOS 013	02.01.2025 *(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*

TÜVRheinland® ZERTIFIZIERT
Bauart geprüft
Sicherheit
Regelmäßige Produktions-überwachung
www.tuv.com
ID 1111234572

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 pages 0001-0010

Addition

Type Designation	:	GW50K-SMT-JP-G10
Vmax PV [Vd.c.]	:	1100
Isc PV [Ad.c.]	:	46*6
MPP Voltage Range[Vd.c.]	:	200-1000
Max. Input Current[Ad.c.]	:	32*6
Overvoltage Category (OVC)	:	II for PV
Rated Output Voltage[Va.c.]	:	3L/N/PE or 3L/PE, 420/440(L-L)
Rated Output Frequency[Hz]	:	50/60
Rated Output Power[kW]	:	50
Max. Output Current[Aa.c.]	:	75.6@420V 72.2@440V
Power Factor	:	[-0.80, 0.80]
Overvoltage Category (OVC)	:	III for AC mains

Continued on page 0012

ANLAGE (Appendix): 2.0

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.

TÜV Rheinland LGA Products GmbH ® TÜVRheinland III Zertifizierungsstelle

Zertifizierungsstelle

A. Chen

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
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Zertifikat *Certificate*

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Zertifiziertes Produkt (Geräteidentifikation)
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Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-connected PV inverter)

as page 0011 continuation

Protective Class	: Class I
Ingress Protection (IP)	: IP66
Pollution Degree (PD)	: PD 3
Altitude[m]	: ≤3000
Operating Temperature [°C]	: -25 to 60 (> 45 derating)
Type of Inverter	: Non-isolated

Remark(s):
The installation has to be carried out according to the installation instruction specified by the manufacturer.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

ANLAGE (Appendix): 2.0

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TÜV Rheinland LGA Products GmbH ... Zertifizierungsstelle

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.:	AN 50659841 0001
Report No.:	CN20TNOS 013
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: 2025-01-02

A. Chen

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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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.

C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50659841 0001

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

Identification: Type Designation

GEP30-L-10 ,	GEP35-L-10 ,	GEP50-10 ,
GEP60-10 ,	GW30KLS-MT ,	GW35KLS-MT ,
GW50KS-MT ,	GW60KS-MT ,	GW50KS-MT-EU ,
GW60KS-MT-EU ,	GE50-11 ,	GE60-11 ,
GW50K-SMT-KR ,	GW60K-SMT-KR ,	GW50K-SMT-JP-G10

Serial No.: 9050KMTG247R8002
Remark(s) : Issued in conjunction with TÜV Rheinland license R 50491435 0001-0012.

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TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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Precisely Right.