

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50636999 0001

**Berichtsnummer Report No.:**

CN24R54Q 001

**Genehmigungsinhaber License Holder:**

GoodWe Technologies Co., Ltd.

No.90 Zijin Rd., New District

215011 Suzhou

P.R. China

**Fertigungsstätte Manufacturing Site:**

3 Fertigungsstätten auf Folgeseiten

*Listing of 3 factories on following pages*
**Prüfzeichen Test Mark:**

 Type Approved  
 Safety  
 Regular Production  
 Surveillance

 www.tuv.com  
 ID 1111287452

**Geprüft nach Tested according to:**

IEC 62109-2:2011

IEC 62109-1:2010

EN 62109-2:2011

EN 62109-1:2010

**Geräteidentifikation**
**Product Identification**
**Produkt:**

PV-Inverter

**Product:**

(Grid-Tied PV Inverter)

**Modell:**

Modelle sind auf nächste(r) Seite(n) gelistet

**Type:**
*Type designation(s) are listed on the next page(s)*
**Technische Daten:**

Refer to next page(s)

**Technical Data:**

ANLAGE (Appendix): 1.0

**Gültig ab:**

2024-06-28

**Valid from:**
**Zertifizierungsstelle:**
*Certification body:*
**Ausstellungsdatum:**

2024-06-28

**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.

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

Fax: +49 221 806-3935

[www.tuv.com](http://www.tuv.com)
**TÜVRheinland®**  
 Precisely Right.

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**Zertifikatsnummer** *Certificate No.:*

R 50636999 0001

**Berichtsnummer** *Report No.:*

CN24R54Q 001

**Produkt** *Product:*

 PV-Inverter  
 (Grid-Tied PV Inverter)

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

1) GW75K-SMT , 2) GW80K-SMT

For AC Output Port: See below

|                               |                             |
|-------------------------------|-----------------------------|
| Rated Output Voltage [V.a.c.] | : 3L/N/PE, 230/400, 220/380 |
| Rated Output Frequency [Hz]   | : 50/60                     |
| Rated Output Power[kW]        | : 1)75, 2)80                |
| Max. Output Power [kVA]       | : 1)75, 2)88                |
| Max. Output Current [A.a.c.]  | : 1)114, 2)128              |
| Power Factor                  | : [-0.80, 0.80]             |
| Overvoltage Category (OVC)    | : III for AC mains          |

For PV Input Port

|                                        |                   |
|----------------------------------------|-------------------|
| Vmax PV [V.d.c.]                       | : See below       |
| MPPT Voltage Range [V.d.c.]            | : 1100            |
| MPPT Full Power Voltage Range [V.d.c.] | : 180 - 1000      |
| Isc PV [A.d.c.]                        | : 500 - 850       |
| Max.Input Current [A.d.c.]             | : 6 * 52.5        |
| Overvoltage Category (OVC)             | : 6 * 42          |
|                                        | : II for PV input |

Protective Class

: Class I

Ingress Protection (IP)

: IP66

Pollution degree (PD)

: PD3

Operating Temperature [°C]

: -30 to 60 (&gt; 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.




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R 50636999 0001

**Berichtsnummer** *Report No.:*  
CN24R54Q 001

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

**Fertigungsstätten** *Factories:*

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- 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
- 3 GOODWE VIETNAM TECHNOLOGY  
COMPANY LIMITED  
Factory A1, A2, Lot CN1N, Maritime  
Industrial and Service Park (Deep C2B),  
Dinh Vu – Cat Hai Economic Zone,  
Dong Hai 2 Ward, Hai An District  
Hai Phong City,  
Vietnam



# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50637000 0001  
**Report No.:** CN24R54Q 001  
**Holder:** GoodWe Technologies Co., Ltd.  
No.90 Zijin Rd., New District  
215011 Suzhou  
P.R. China  
**Product:** PV-Inverter  
(Grid-Tied 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:** 2024-06-28



A. Chen



**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.

# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50637000 0001

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

**Identification:** Type Designation  
1) GW75K-SMT , 2) GW80K-SMT

Serial No.: 9080KMTR241W9001

Remark(s) : Issued in conjunction with TÜV Rheinland  
license R 50636999 0001.



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

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