

CERTIFICATE of Conformity



Registration No.: A3 50685251 0001

Report No.: CN256ELD 001

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

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

Identification: Type Designation : GW3K-DNS-G40 , GW3.1K-DNS-L-G40
GW3.6K-DNS-G40 , GW4.2K-DNS-G40
GW5K-DNS-G40 , GW6K-DNS-G40
Firmware version : V1.01.01
Remark(s) : Refer to test report CN256ELD 001
for details.

Tested acc. to: CEI 0-21:2022-03
CEI 0-21;V1:2022-11
CEI 0-21;V2:2024-01
CEI 0-21;V2/EC:2024-03
CEI 0-21;V2/EC2:2025-02


The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Durch die DAKKS nach
DIN EN ISO/IEC 17065:2013

akkreditierte Zertifizierungsstelle.
Die Akkreditierung gilt nur für den in der
Urkundenanlage D-ZE-14169-01-02
aufgeführten Akkreditierungsumfang.

Certification Body

Date 21.07.2025


Bowen Dong

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

OGGETTO: Dichiarazione di conformità alla normative CEI 0-21:2022-03, CEI 0-21;V1:2022-11, CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03 e CEI 0-21;V2/EC2:2025-02

“Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica”

SUBJECT: Declaration of Conformity to CEI 0-21:2022-03, CEI 0-21;V1:2022-11, CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03 and CEI 0-21;V2/EC2:2025-02

“Reference technical rules for the connection of active and passive users to the LV electrical Utilities”

Certificate No.: A3 50685251 0001

Page 1/2

TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE:

TYPE OF APPARATUS WHICH THE DECLARATION IS REFERED TO:

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotating Device
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Titolare della licenza
License Holder

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

Modello/Tipo
Model/Type

Grid-Tied PV Inverter

	GW3K-DNS-G40	GW3.1K-DNS-L-G40	GW3.6K-DNS-G40	GW4.2K-DNS-G40	GW5K-DNS-G40	GW6K-DNS-G40
Potenza Attiva Nominale (P _{NIN}) Nominal Power [W]	3.0	3.1	3.6	4.2	5.0	6.0
Max. Potenza Apparente (S _{MAX}) Maximum Apparent Power [VA]	3.0	3.1	3.6	4.2	5.0	6.0

⁽¹⁾ The inverter have a PV input and AC output with the batteries system and it's compliant to Annex A, B and Bbis of standard CEI 0-21
The nominal charging and discharging power can be reached only according with a minimum number of battery modules connected to the inverter with limitation of the inverter's capability.

Firmware release
Firmware

V1.01.01

Numero di Fasi
Number of phases

Monofase
Single Phase

Note
Remarks

Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale.
The device is capable to limit the I_{dc} to 0,5% of the nominal current.

laboratorio di prova
Test laboratory

TÜV Rheinland (Shanghai) Co., Ltd.
Accreditation CNAS no. L3038

Esaminati I Fascicoli Prove N.: CN256ELD 001 emesso da TÜV Rheinland (Shanghai) S.r.l.
Having assessed the Test Files N. CN256ELD 001 issued by TÜV Rheinland (Shanghai) Co., Ltd.



OGGETTO: Dichiarazione di conformità alla normative CEI 0-21:2022-03, CEI 0-21;V1:2022-11, CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03 e CEI 0-21;V2/EC2:2025-02

“Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica”

SUBJECT: Declaration of Conformity to CEI 0-21:2022-03, CEI 0-21;V1:2022-11, CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03 and CEI 0-21;V2/EC2:2025-02

“Reference technical rules for the connection of active and passive users to the LV electrical Utilities”

Certificate No.: A3 50685251 0001

Page 2/2

Si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2022-03, CEI 0-21;V1:2022-11, CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03 e CEI 0-21;V2/EC2:2025-02

“Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica”
We declare that the products indicated meet the requirements laid down by CEI 0-21:2022-03, CEI 0-21;V1:2022-11, CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03 and CEI 0-21;V2/EC2:2025-02

“Reference technical rules for the connection of active and passive users to the LV electrical Utilities”

Validità della Dichiarazione
Validity of the Declaration

Questa Dichiarazione è valida per i prodotti indicate, così come descritt nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, così come modifiche al prodotto, possono implicare nuove verifiche e certificazioni.

This Declaration is valid only for the products indicated herein, as described in the Files mentioned. New requirements or amendment to existing ones, or modifications to the product, may imply re-verification and re-certification.

Data:21.07.2025
Date:

Firma
Signature :


Bowen Dong
Certificatore

