



Ref. Certif. No.

DE 2-042865-M2

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Grid-connected PV Inverter

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

See page 3

Trademark (if any)

GOODWE (LOGO)

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

1) GW25K-SDT-30 ; 2) GW25K-SDT-AU30 ; 3) GW29K9-SDT-AU30 ;
4) GW30K-SDT-30 ; 5) GW33K-SDT-C30 ; 6) GW36K-SDT-C30 ;
7) GW40K-SDT-C30 ; 8) GW37K5-SDT-BR30 ; 9) GW23KLV-SDT-BR30

Additional information (if necessary may also be reported on page 2)

Re-issue of DE 2-042865-M1 dated 2024-11-21, due to second modification.
Detail information refer to test report CN24D3VL 003.

A sample of the product was tested and found to be in conformity with

IEC 62109-2:2011
IEC 62109-1:2010

As shown in the Test Report Ref. No. which forms part of this Certificate

CN24D3VL 003

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

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Date: 2025-06-27

Signature:

A. Chen

1. GoodWe (GuangDe) Power Supply
Technology Co., Ltd.
No. 208, Tong Rui East Road
Guangde
Anhui, P.R. China
2. GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District
215011 Suzhou
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

Additional information (if necessary)

Report Ref. No. : CN24D3VL 003

Date: 2025-06-27

Signature:



A. Chen

Additional information :

Type Designation : 1)GW25-SDT-30, 2)GW25K-SDT-AU30, 3)GW29K9-SDT-AU30,
4)GW30K-SDT-30, 5)GW33K-SDT-C30, 6)GW36K-SDT-C30,
7)GW40K-SDT-C30, 8)GW37K5-SDT-BR30, 9)GW23KLV-SDT-BR30

Vmax PV [Vd.c.] : 1)2)3)4)5)6)7)8)1100; 9)850

Isc PV [Ad.c.] : 1)4) 50/50/50; 2)3) 56/56/56;
5)6)7)8)9) 52.5/52.5/40

MPP Voltage Range[Vd.c.] : 1)2)3)4) 140-950;
5)6)7)8) 140-1000; 9) 140-700

Max. Input Current [Ad.c.] : 1)2)3)4) 40/40/40;
5)6)7)8)9) 42/42/32

Overvoltage Category (OVC) : II for PV

Rated Output Volt. [Va.c.] : 1)2)3)4)5)6)7)8)3L/N/PE, 3L/PE, 220/380, 230/400, 240/415;
9) 3L/N/PE, 3L/PE, 127/220

Rated Output Freq. [Hz] : 50 / 60

Rated Output Power. [W] : 1)2)25000; 3)29990;
4) 30000; 5)33000;
6) 36000; 7)40000;
8) 37500; 9)23000

Max. Output Current. [Aa.c.]: 1)2)37.9; 3)4)45.5;
5) 50.1; 6) 54.6;
7) 60.7; 8) 56.9; 9) 60.4

Overvoltage Category (OVC) : III for AC mains

Protective Class : Class I

Ingress Protection (IP) : IP66

Pollution Degree (PD) : PD3

Altitude[m] : Max. 4000

Operating Temperature [°C] : -30 to 60 (> 45 derating)

Type of Inverter : Non-isolated