

CERTIFICATE OF SUITABILITY

Authorised marking: TUV-028586-E

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under JAS-ANZ accreditation. The electrical equipment described hereunder has been evaluated and complied with the standard(s) listed below in accordance with the scheme herein and met the minimum safety requirements contained in Australian Standard AS/NZS 3820 as of current. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified.

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

DESCRIPTION OF ELECTRICAL EQUIPMENT

Declared class: Non-declared
Product: Energy Storage System
Trade Name / GOODWE
Manufacturer:
Model Number: GW125/261-ESA-LCN-G10
Ratings: Ratings refer to CONTINUATION SHEET 1 for details;
Condition(s): The product is built-in type and additional assessment shall be performed in final installation.
Standard: AS/NZS 4777.2:2020 Amd 2:2024
IEC 62477-1:2022
EN IEC 62040-1:2019+A11
AS/NZS 4777.2:2020+A1
Issue Date: 23-07-2025
Expiry Date: 23-07-2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


John Wang

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CONTINUATION SHEET 1

Description of Equipment

Ratings:

General:

Protection: Class I, IP54

Operating Temp.: -20°C to 55°C (Discharging); 0°C to 55°C (Charging)

Overvoltage Category (OVC): DC sides: II; Grid Output: III

Inverter topology: Non-Isolated

Battery Input:

Battery type: LiFePO4

Voltage range: 676 - 936Vdc

Current max: 198.5 A

Output on grid:

Output voltage/frequency: 3L/N/PE, 400/380, 50/60Hz

Power factor: ~1 (0.8lag to 0.8lead)

Nominal Output Power: 125kW

Nominal Output Apparent Power: 125kVA

Rated Current: 180.4Aa.c.

Max Output Apparent Power: 137.5(400Vac), 130.6(380Vac)

Max Output Current: 198.5Aa.c.

Output off-grid:

Output voltage/frequency: 3L/N/PE, 400/380, 50/60Hz

Nominal Apparent Power: 125kVA

Rated Current: 180.4Aa.c.

Max Output Apparent Power: 137.5 kVA (400Vac), 130.6 kVA (380Vac)

Max Output Current: 198.5Aa.c.

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