

CERTIFICATE OF SUITABILITY

Authorised marking: TUV-028797-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: AC-coupled Inverter
Trade Name / Manufacturer: GoodWe
Model Number: GW3K-BHA-G20 , GW3.6K-BHA-G20 , GW5K-BHA-G20
GW6K-BHA-G20 , GW8K-BHA-G20 , GW9.999K-BHA-G20
GW10K-BHA-G20
Ratings: Ratings refer to Continuation Sheet 1 for details
Condition(s): N/A
Standard: AS/NZS 4777.2:2020 + Amd 1:2021 + Amd 2:2024
AS IEC 62477.1:2024
IEC 62477-1:2022

Issue Date: 28-11-2025
Expiry Date: 28-11-2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd



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CONTINUATION SHEET 1

General:

Protection: Class I; IP66; PD 2 Internal; PD 3 External
Operating Temp: -35°C to 60°C for discharge and charge
Overvoltage Category (OVC): Battery: II; Mains: III
Inverter topology: Non-isolated
Max. Operating Altitude: 4000 m

AC Side:

Nominal Output Voltage [V a.c.]: L/N/PE, 220/230/240
Nominal Output Frequency [Hz]: 50/60
Nominal Output Power [kW]: 3.0; 3.6; 5.0; 6.0; 8.0; 9.999; 10.0
Nominal Apparent Power [kVA]: 3.0; 3.6; 5.0; 6.0; 8.0; 9.999; 10.0
Max. Apparent Power [kVA]: 3.0; 3.6; 5.0; 6.0; 8.0; 9.999; 10.0
Nominal Output Current [A a.c.]: 13.7@220V, 13.1@230V, 12.5@240V; 16.4@220V, 15.7@230V, 15@240V;
22.8@220V, 21.8@230V, 20.9@240V; 27.3@220V, 26.1@230V, 25@240V; 36.4@220V, 34.8@230V,
33.4@240V; 43.5@220V, 43.5@230V, 41.7@240V; 43.5@220V, 43.5@230V, 41.7@240V
Max. Output Current [A a.c.]: 13.7@220V, 13.1@230V, 12.5@240V; 16.4@220V, 15.7@230V, 15@240V;
22.8@220V, 21.8@230V, 20.9@240V; 27.3@220V, 26.1@230V, 25@240V; 36.4@220V, 34.8@230V,
33.4@240V; 43.5@220V, 43.5@230V, 41.7@240V; 43.5@220V, 43.5@230V, 41.7@240V
Power factor: -0.80~0.80

Battery Input:

Battery Max Voltage [V d.c.]: 550
Voltage Range [V d.c.]: 350 ~ 550
Max. Charge Current [A d.c.]: 7.9; 9.5; 13.2; 15.8; 21.1; 26.4; 26.4
Max. Discharge Current [A d.c.]: 8.7; 10.5; 14.5; 17.4; 23.2; 29; 29
Back up:

Nominal Output Voltage [V a.c.]: L/N/PE, 220/230/240
Nominal Output Frequency [Hz]: 50/60
Nominal Output Apparent Power [kVA]: 3.0; 3.6; 5.0; 6.0; 8.0; 10.0; 10.0
Max. Output Apparent power [kVA]: 6; 7.2; 10; 12; 14.5; 14.5; 14.5
Nominal Output Current [A a.c.]: 27.3; 32.8; 45.5; 50; 63; 63; 63
Max. Output Current [A a.c.]: 27.3; 32.8; 45.5; 50; 63; 63; 63

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