

Certificate Number: AZ 69026693

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026693-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 found to be electrically safe at the time of certification 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. The certificate holder may affix the above mentioned authorised marking on the product.

CERTIFICATE HOLDER:

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

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Grid-connected PV Inverter

Trade Name / Manufacturer:

1) GOODWE and 2) GE

Model Number:

1) GW5000-MS-30 , GW6000-MS-30 ,
GW8500-MS-30 , GW10K-MS-30 ,
2) GEP5.0-1C-30 , GEP8.5-1C-30 , GEP10-1C-30

Ratings:

Rating details refer to CONTINUATION SHEET 1 - 2

Standard:

AS/NZS 4777.2:2020+A1
IEC 62109-1:2010
IEC 62109-2:2011

Issue Date:

23/11/2022

Expiry Date:

23/11/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Protection: Class I, IP66, PD 2 Internal; PD 3 External

Operating Temp.: -25°C to 60°C (derating >45°C)

Overvoltage Category (OVC): PV: II; Mains: III

For models: GW5000-MS-30, GW6000-MS-30, GW8500-MS-30,
GW10K-MS-30

PV input:

Vmax PV: 600Vdc

MPP Voltage Range: 40 -560Vdc

Isc PV: 25A/25A/25A

Imax PV: 20A/20A/20A

AC output:

Rated Output voltage: 220/230/240V

Rated frequency: 50/60Hz,

Max Output Apparent power: 5500VA, 6600VA, 9350VA, 10000VA

Rated Output Apparent power: 5000VA, 6000VA, 8500VA, 10000VA

Rated Output Power: 5000W, 6000W, 8500W, 10000W

Max/Rated Output current: 24A, 28.7A, 40.7A, 43.5A

Power factor: 0.80 leading ~ 0.80 lagging

Issue Date: 23/11/2022

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: GEP5.0-1C-30, GEP8.5-1C-30, GEP10-1C-30

PV input:

Vmax PV: 600Vdc

MPP Voltage Range: 40 -560Vdc

Isc PV: 25A/25A/25A

Imax PV: 20A/20A/20A

AC output:

Rated Output voltage: 220/230/240V

Rated frequency: 50/60Hz,

Max Output Apparent power: 5500VA, 9350VA, 10000VA

Rated Output Apparent power: 5000VA, 8500VA, 10000VA

Rated Output Power: 5000W, 8500W, 10000W

Max/Rated Output current: 24A, 40.7A, 43.5A

Power factor: 0.80 leading ~ 0.80 lagging

Issue Date: 23/11/2022

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