

# CERTIFICATE OF SUITABILITY

Authorised marking: TUV-028620-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:** Grid-connected PV Inverter  
**Trade Name / Manufacturer:** GOODWE  
**Model Number:** GW7.5K-MS-G40, GW8.5K-MS-G40, GW9.999K-MS-G40  
**Ratings:** Ratings refer to Continuation Sheets 1 for details  
**Condition(s):** N/A  
**Standard:** IEC 62109-1:2010  
IEC 62109-2:2011  
AS/NZS 4777.2:2020+A1:2021+ Amd 2:2024

**Issue Date:** 01-08-2025  
**Expiry Date:** 01-08-2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd



Rafeeqe Mohamed

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## CONTINUATION SHEET 1

### Description of Equipment

#### Ratings:

For all models:

Protection: Class I, IP66, PD 3 ( External), PD 2 ( Internal)

Operating Temp.: -25°C to 60°C (Derating at 45°C)

Overvoltage Category (OVC): DC sides: II; AC side: III

Inverter topology: Non-Isolated

For models of GW7.5K-MS-G40, GW8.5K-MS-G40, GW9.999K-MS-G40

PV input:

Vmax: 600Vdc

VMPP : 40 - 560Vdc

Isc: 26/26/26A

Imax: 20/20/20A

AC output:

Rated Output voltage: L/N/PE, 220/230/240Vac

Rated frequency: 50/60Hz

Max / Rated Output Apparent power: 7500/8500/9999VA

Max / Rated Output Power: 7500/8500/9999W

Max Output Current: 34.1/38.7/45.5A

Rated Output Current: 32.6/37.0/43.5A

Power factor: 0.8 ind - 0.8 cap

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