

**Certificate Number:** AZ 69025643

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV025643E

*This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the ACMA's labelling requirements are fulfilled.*

### 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:**

Hybrid Inverter

**Trade Name / Manufacturer:**

GOODWE

**Model Number:**

GW50K-ETC

**Ratings:**

Rating details refer to CONTINUATION SHEET 1

**Standard:**

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

**Issue Date:**

09/12/2021

**Expiry Date:**

09/12/2026

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



Acc. No. Z2870404AA  
[www.jas-anz.org/register](http://www.jas-anz.org/register)

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## CERTIFICATE OF SUITABILITY

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### CONTINUATION SHEET 1

#### DESCRIPTION OF EQUIPMENT

##### Ratings:

Protection: Class I, IP20, Inside: PDII; outside: III  
Operating Temp.: -20°C to 60°C (>45°C derating),  
Overvoltage Category (OVC): Battery side: II; PV side: II;  
Grid side: III

##### Battery Input:

Type / Voltage: Li-ion / 200 – 865Vd.c.,  
Max charge / discharge current: 100 / 100A

##### PV input:

V max PV: 1000Vdc  
MPPT range: 250-850Vdc  
Isc: 125A  
I max PV: 100A

##### AC output:

V out: 400V, 3L/N/PE  
Rated frequency: 50Hz,  
Max Output Apparent power: 52.5kVA  
Rated Output Apparent Power: 50kVA  
Rated / Max output current: 76A  
Power factor: 1 (Adjustable from 0.8 leading to 0.8 lagging)

Issue Date: 09/12/2021

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