

Certificate Number: AZ 69025909

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV025909E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC 17065 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 requirements of all relevant parts of AS/NZS 4417 applicable to the article 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:

AC-Coupled Inverter

Trade Name / Manufacturer:

GOODWE

Model Number:

GW50K-BTC

Ratings:

Rating details refer to CONTINUATION SHEET 1-2

Standard:

AS/NZS 4777.2:2020+A1
IEC 62477-1:2012+A1
IEC 62109-2:2011
IEC 62109-1:2010

Issue Date:

17/03/2022

Expiry Date:

17/03/2027

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

Certificate Number: AZ 69025909

Page: 0002



CERTIFICATE OF SUITABILITY

Authorised marking: TUV025909E

CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Protection: Class I, IP20, External: PD 3, Internal PD 2,
Charge / Discharge Operating Temp.: -20~60°C(>45°C derating)
Overvoltage Category (OVC): Battery: II, Grid: III
Power factor: Default >0.99,0.8cap...0.8ind

Battery Input:

Type / Rated Voltage: Li-Ion
Voltage range: 200 – 865Vdc
Max charging / discharging current: 100/100A
Rated power: 50kW

AC input from grid:

Rated / Max Apparent input power: 50 / 55 kVA
Rated voltage / Frequency: 3L/N/E, 400Vac, 50 / 60Hz
Max input current: 100A

Issue Date: 17/03/2022

Expiry Date: 17/03/2027

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

Certificate Number: AZ 69025909

Page: 0003



CERTIFICATE OF SUITABILITY

Authorised marking: TUV025909E

CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

AC output to grid:

Rated / Max Apparent output power: 50 / 52.5 kVA

Rated / Max output current: 76A

Backup load output:

Rated / Max Apparent output power: 50 / 55 kVA

Rated voltage / Frequency: 3L/N/E, 400Vac, 50 / 60Hz

Rated / Max output current: 76A

Issue Date: 17/03/2022

Expiry Date: 17/03/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "Grant Li", written over a horizontal line.

Grant Li



Acc. No. Z2870404AA
www.jas-anz.org/register