

**Certificate Number:** AZ 69026593

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026593-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:**

Hybrid Inverter

**Trade Name / Manufacturer:**

GOODWE

**Model Number:**

GW15K-ET , GW20K-ET , GW25K-ET , GW29.9K-ET

**Ratings:**

Rating details refer to CONTINUATION SHEET 1 - 3

**Standard:**

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

**Issue Date:**

19/10/2022

**Expiry Date:**

19/10/2027

*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

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

Operating Temp.: -35°C to 60°C

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

For models: GW15K-ET, GW20K-ET

PV input:

Vmax PV: 1000Vdc

MPP Voltage Range: 200-850Vdc

Isc PV: 38A/38A

Imax PV: 30A/30A

Battery input:

Battery type: Li-ion

Vmax: 800Vdc

Voltage range: 200 – 800Vdc

Max charge/discharge current: 50A/50A

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

AC output:

Rated Output voltage: 3L/N/PE~380/400V

Rated frequency: 50/60Hz,

Max Output Apparent power: 16500VA, 22000VA

Rated Output Apparent power: 15000VA, 20000VA

Rated Output Power: 15000W, 20000W

Max/Rated Output current: 25A, 33.3A

Power factor: 0.80 leading ~ 0.80 lagging

Backup:

Max/Rated apparent power: 15000VA, 20000VA

Rated output voltage/Frequency: 3L/N/PE~380/400V 50/60Hz

Max output current: 22.7A, 30.3A

For models: GW25K-ET, GW29.9K-ET

PV input:

Vmax PV: 1000Vdc

MPP Voltage Range: 200-850Vdc

Isc PV: 38A/38A/38A

I<sub>max</sub> PV: 30A/30A/30A

Issue Date: 19/10/2022

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Battery input:

Battery type: Li-ion

Vmax: 800Vdc

Voltage range: 200 – 800Vdc

Max charge/discharge current: 2 x 50A/2 x 50A

AC output:

Rated Output voltage: 3L/N/PE~380/400V

Rated frequency: 50/60Hz,

Max Output Apparent power: 27500VA, 29900VA

Rated Output Apparent power: 25000VA, 29900VA

Rated Output Power: 25000W, 29900W

Max/Rated Output current: 41.7A, 49.8A

Power factor: 0.80 leading ~ 0.80 lagging

Backup:

Rated apparent power; 25000VA, 29900VA

Max apparent power; 25000VA, 30000VA

Rated output voltage/Frequency: 3L/N/PE~380/400V 50/60Hz

Max output current: 37.9A, 45.5A

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