

Certificate Number: AZ 69023247

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV023247E

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 requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled

CERTIFICATE HOLDER: JIANGSU GOODWE POWER SUPPLY
TECHNOLOGY CO., LTD.
NO. 189 Kun Lun Shan Road
Suzhou New District
Jiangsu 215163
P. R. China

DESCRIPTION OF EQUIPMENT

Declared class: Non-declared

Product: Hybrid Inverter

Trade Name / Manufacturer: GOODWE

Model Number: GW10KL-ET, GW8KL-ET, GW6KL-ET, GW5KL-ET.

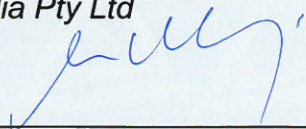
Ratings: (Ratings refer to CONTINUATION SHEET 1 - 5).

Standard: AS/NZS 4777.2:2015
IEC 62109-1:2010
IEC 62109-2:2011

Issue Date: 23/01/2019

Expiry Date: 23/01/2024

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


Billy Chu



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings for all models:

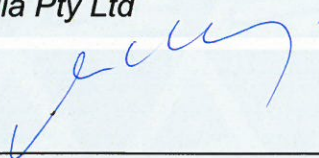
Class I, IP66, PDIII;
Operating Temp.: -35°C to 60°C (>45°C derating);
Overvoltage Category (OVC): Battery input: I;
PV input: II; Grid Output: III.

(REFER TO CONTINUATION SHEET 2)

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

For model GW10KL-ET:

Input:

VDC max: 600Vd.c., VDC MPPT: 200-550Vd.c.;

IDC max: 12.5/22Ad.c.;

Vbattery: 180-600Vd.c., I_{max} charge: 25Ad.c.;

I_{max} discharge: 25Ad.c.

Grid port:

Rated power: 10000VA@45°C amb;

Max. Apparent Power Output to Utility Grid: 11000VA@45°C amb

I_{ac}(max. output): 16.5A;

Max. Apparent Power from Utility Grid: 15000VA, @45°C amb;

I_{ac}(max. input): 22.7A;

Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase;

Power factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive).

Back-up output:

Rated power: 10000VA@45°C amb., I_{ac}(max): 16.5A;

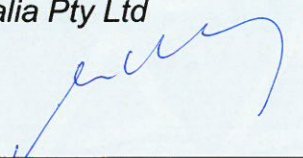
Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase.

(REFER TO CONTINUATION SHEET 3)

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

For model GW8KL-ET:

Input:

VDC max: 600Vd.c., VDC MPPT: 200-550Vd.c.;

IDC max: 12.5/22Ad.c.;

Vbattery: 180-600Vd.c., I_{max} charge: 25Ad.c.;

I_{max} discharge: 25Ad.c.

Grid port:

Rated power: 8000VA@45°C amb;

Max. Apparent Power Output to Utility Grid: 8800VA@45°C amb;

I_{ac}(max. output): 13.5A;

Max. Apparent Power from Utility Grid: 15000VA, @45°C amb;

I_{ac}(max. input): 22.7A;

Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase;

Power factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive).

Back-up output:

Rated power: 8000VA@45°C amb., I_{ac}(max): 13.5A;

Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase.

(REFER TO CONTINUATION SHEET 4)

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Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Billy Chu', written over a horizontal line.

Billy Chu



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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

For model GW6KL-ET:

Input:

VDC max: 600Vd.c., VDC MPPT: 200-550Vd.c.;

IDC max: 12.5/12.5Ad.c.;

Vbattery: 180-600Vd.c., I_{max} charge: 25Ad.c.;

I_{max} discharge: 25Ad.c.

Grid port:

Rated power: 6000VA@45°C amb;

Max. Apparent Power Output to Utility Grid: 6600VA@45°C amb;

I_{ac}(max. output): 10.5A;

Max. Apparent Power from Utility Grid: 12000VA, @45°C amb.;

I_{ac}(max. input): 18.2A;

Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase;

Power factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive).

Back-up output:

Rated power: 6000VA@45°C amb., I_{ac}(max): 10.5A;

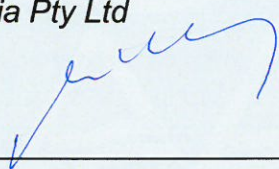
Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase.

(REFER TO CONTINUATION SHEET 5)

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CONTINUATION SHEET 5

DESCRIPTION OF EQUIPMENT

Ratings:

For model GW5KL-ET:

Input:

VDC max: 600Vd.c., VDC MPPT: 200-550Vd.c.;

IDC max: 12.5/12.5Ad.c.;

Vbattery: 180-600Vd.c., I_{max} charge: 25Ad.c.;

I_{max} discharge: 25Ad.c.

Grid port:

Rated power: 5000VA@45°C amb,

Max. Apparent Power Output to Utility Grid: 5500VA@45°C amb;

I_{ac}(max. output): 8.5A;

Max. Apparent Power from Utility Grid: 10000VA, @45°C amb;

I_{ac}(max. input): 15.2A;

Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase;

Power factor: >0.99 (adjustable 0.8 inductive to

0.8 capacitive).

Back-up output:

Rated power: 5000VA@45°C amb., I_{ac}(max): 8.5A;

Rated voltage: 400/380Va.c.3L/N/PE., 50Hz, three-phase.

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