

**Certificate Number:** AZ 69025399

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV025399E

*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.90 Zijin Rd.,  
New District, Suzhou  
215011 Jiangsu  
P.R. China

### DESCRIPTION OF EQUIPMENT

<b>Declared class:</b>	Non-declared
<b>Product:</b>	Grid-Connected PV Inverter
<b>Trade Name / Manufacturer:</b>	GOODWE
<b>Model Number:</b>	GW100K-HT , GW110K-HT , GW120K-HT , GW136K-HTH
<b>Ratings:</b>	Ratings refer to CONTINUATION SHEET 1 to 2 for details
<b>Standard:</b>	AS/NZS 4777.2:2020 IEC 62109-1:2010 IEC 62109-2:2011
<b>Issue Date:</b>	10/09/2021
<b>Expiry Date:</b>	10/09/2026

*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  
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For models: GW100K-HT ; GW110K-HT ; GW120K-HT

Output voltage: 3L/N/PE or 3/PE~380/400Vac

Rated frequency: 50/60 Hz

Power factor: >0.99, 0.8 cap ... 0.8 ind

Protection: Class I, IP66

Operating Temp.: -30°C to 60°C,

Overvoltage Category (OVC): DC input: II; AC Output: III

PV Input:

VDC max: 1100Vd.c.,

VDC MPPT: 180-1000Vd.c.,

IDC max: 10\*30A; 12\*30A; 12\*30A

Isc: 10\*45A; 12\*45A; 12\*45A,

Output:

Rated Output Power: 99.99kW; 110kW; 120kW

Rated /Max. Output Current: 167A; 175.5A; 191.3A

Rated Apparent Output Power: 99.99kVA; 110kVA; 120kVA

Max. Apparent Output Power: 99.99kVA; 121kVA; 132kVA

Issue Date: 10/09/2021

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: GW136K-HTH  
Output voltage: 3L/PE~500Vac,  
Rated frequency: 50/60 Hz  
Power factor: >0.99, 0.8 cap ... 0.8 ind  
Protection: Class I, IP66,  
Operating Temp.: -30°C to 60°C,  
Overvoltage Category (OVC): DC input: II; AC Output: III

PV Input:

VDC max: 1100Vd.c.,  
VDC MPPT: 180-1000Vd.c.,  
IDC max: 12\*30A;  
Isc: 12\*45A,

Output:

Rated Output Power: 136kW  
Rated /Max. Output Current: 173.2A  
Rated Apparent Output Power: 136kVA  
Max. Apparent Output Power: 150kVA

Issue Date: 10/09/2021

Expiry Date: 10/09/2026

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CONTINUATION SHEET 3

(Modification 1)

CDF updated for DC switch:

Manufacturer: Beijing Jingren Electric Appliance Co.,LTD,

Model: GHX6-55P

Rating: DC-PV2, 1100V, 45A, AZ 69025407

Issue Date: 05/11/2021

Expiry Date: 10/09/2026

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

**TÜVRheinland** <sup>®</sup>

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