



Fair  
Trading

File Ref: CS11111N  
Contact: Admin Clerk  
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Ms Lydia Zhong  
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C/- Bureau Veritas Shenzhen Co., Ltd. Dongguan  
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Dear Sir/Madam

CERTIFICATE OF SUITABILITY: CS11111N AND VARIATION/S

Inverter

Please find enclosed a Certificate of Suitability and addendum as sought by your application.

Articles of the approved type may be marked with the mark (or alternate approval mark) shown on the Certificate.

THE APPROVAL EXPIRES ON THE DATE SHOWN ON THE CERTIFICATE unless it is renewed, extended, suspended or cancelled.

Yours faithfully

30 August 2022

For Secretary, Department of Customer Service



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# Certificate of Suitability Non-Declared Article

Pursuant to Section 16 (1) of the Gas and Electricity  
(Consumer Safety) Act 2017

Certificate Number: **CS11111N**

This is to certify that the article specified below is accepted by NSW FAIR TRADING as suitable for connection to public electricity supply in NEW SOUTH WALES in accordance with the provisions of AS/NZS 3000 and subject to the condition stated.

Issued to:	GoodWe Technologies Co., Ltd.
Article:	Solar Inverter [Grid-connected Inverter, without battery energy storage function, converts DC power from PV arrays to AC power to be fed to the grid, can be used indoor or outdoor]
Trade Name or Mark:	GOODWE
Ratings:	Max. input DC voltage: 500Vd.c.; Input MPPT voltage range: 40~450Vd.c.; Output rated AC voltage: L/N/PE~230Va.c. Max. input DC current: 12.5Ad.c.; PV Isc: 15.6Ad.c.; Max. / Rated output AC current: 3.5Aa.c.; Rated output AC active power: 700W; Rated output AC apparent power: 700VA; Max. output AC active power: 800W; Max. output AC apparent power: 800VA. Overvoltage Category: II (DC Side); III (AC Side), Class I; IP65
Type Reference Code:	GW700-XS
Examined for Compliance With:	IEC 62109-1: 2010; IEC 62109-2: 2011; AS/NZS 4777.2: 2020
Nominated Marking:	CS11111N or approved alternate mark
Date of Approval:	26/08/2022
Approval Expires:	26/08/2027 unless suspended, cancelled, renewed or extended

**Condition:**

1. This certificate is issued subject to the article and approved variations being maintained at the specification/s of the article examined at the time of approval.
2. The assessment is based on electrical safety standards, compliance with performance requirements is excluded from the assessment.

30 August 2022



On behalf of the Secretary, Department of Customer Service

For information regarding currency of model approval, refer to the Fair Trading Website



## ADDENDUM TO CERTIFICATE OF SUITABILITY: CS11111N Particulars of Modification(s)

GW1000-XS being similar to original model GW700-XS except for being rated:  
Max. / Rated output AC current: 4.8Aa.c.; Rated output AC active power: 1000W; Rated output AC apparent power: 1000VA; Max. output AC active power: 1100W; Max. output AC apparent power: 1100VA.

GW1500-XS being similar to original model GW700-XS except for being rated:  
Input MPPT voltage range: 50~450Vd.c.; Max. / Rated output AC current: 7.2Aa.c.; Rated output AC active power: 1500W; Rated output AC apparent power: 1500VA; Max. output AC active power: 1650W; Max. output AC apparent power: 1650VA.

GW2000-XS being similar to original model GW700-XS except for being rated:  
Input MPPT voltage range: 50~450Vd.c.; Max. / Rated output AC current: 9.6Aa.c.; Rated output AC active power: 2000W; Rated output AC apparent power: 2000VA; Max. output AC active power: 2200W; Max. output AC apparent power: 2200VA.

GW2500-XS being similar to original model GW700-XS except for being rated:  
Input MPPT voltage range: 50~450Vd.c.; Max. / Rated output AC current: 12.0Aa.c.; Rated output AC active power: 2500W; Rated output AC apparent power: 2500VA; Max. output AC active power: 2750W; Max. output AC apparent power: 2750VA.

GW3000-XS being similar to original model GW700-XS except for being rated:  
Input MPPT voltage range: 50~450Vd.c.; Max. / Rated output AC current: 14.3Aa.c.; Rated output AC active power: 3000W; Rated output AC apparent power: 3000VA; Max. output AC active power: 3300W; Max. output AC apparent power: 3300VA.

GW2500N-XS being similar to original model GW700-XS except for being rated:  
Max. input DC voltage: 600Vd.c.; Input MPPT voltage range: 50~550Vd.c.; Max. input DC current: 13.0Ad.c.; PV Isc: 16.3Ad.c.; Max. / Rated output AC current: 12.0Aa.c.; Rated output AC active power: 2500W; Rated output AC apparent power: 2500VA; Max. output AC active power: 2750W; Max. output AC apparent power: 2750VA.

GW3000N-XS being similar to original model GW700-XS except for being rated:  
Max. input DC voltage: 600Vd.c.; Input MPPT voltage range: 50~550Vd.c.; Max. input DC current: 13.0Ad.c.; PV Isc: 16.3Ad.c.; Max. / Rated output AC current: 14.3Aa.c.; Rated output AC active power: 3000W; Rated output AC apparent power: 3000VA; Max. output AC active power: 3300W; Max. output AC apparent power: 3300VA.



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GW700-XS-11 being similar to original model GW700-XS except for being rated:  
Max. input DC current: 15.0Ad.c.; PV Isc: 18.75Ad.c.; Max. / Rated output AC current: 3.5Aa.c.;  
Rated output AC active power: 700W; Rated output AC apparent power: 700VA; Max. output AC  
active power: 800W; Max. output AC apparent power: 800VA.

GW1000-XS-11 being similar to original model GW700-XS except for being rated:  
Max. input DC current: 15.0Ad.c.; PV Isc: 18.75Ad.c.; Max. / Rated output AC current: 4.8Aa.c.;  
Rated output AC active power: 1000W; Rated output AC apparent power: 1000VA; Max. output AC  
active power: 1100W; Max. output AC apparent power: 1100VA.

GW1500-XS-11 being similar to original model GW700-XS except for being rated:  
Max. input DC current: 15.0Ad.c.; PV Isc: 18.75Ad.c.; Max. / Rated output AC current: 7.2Aa.c.;  
Rated output AC active power: 1500W; Rated output AC apparent power: 1500VA; Max. output AC  
active power: 1650W; Max. output AC apparent power: 1650VA.

GW2000-XS-11 being similar to original model GW700-XS except for being rated:  
Max. input DC current: 15.0Ad.c.; PV Isc: 18.75Ad.c.; Max. / Rated output AC current: 9.6Aa.c.;  
Rated output AC active power: 2000W; Rated output AC apparent power: 2000VA; Max. output AC  
active power: 2200W; Max. output AC apparent power: 2200VA.

GW2500-XS-11 being similar to original model GW700-XS except for being rated:  
Max. input DC voltage: 600Vd.c.; Input MPPT voltage range: 50~550Vd.c.; Max. input DC current:  
15.0Ad.c.; PV Isc: 18.75Ad.c.; Max. / Rated output AC current: 12.0Aa.c.; Rated output AC active  
power: 2500W; Rated output AC apparent power: 2500VA; Max. output AC active power: 2750W;  
Max. output AC apparent power: 2750VA.

GW3000-XS-11 being similar to original model GW700-XS except for being rated:  
Max. input DC voltage: 600Vd.c.; Input MPPT voltage range: 50~550Vd.c.; Max. input DC current:  
15.0Ad.c.; PV Isc: 18.75Ad.c.; Max. / Rated output AC current: 14.3Aa.c.; Rated output AC active  
power: 3000W; Rated output AC apparent power: 3000VA; Max. output AC active power: 3300W;  
Max. output AC apparent power: 3300VA.

This certificate will expire on 26/08/2027

Approved pursuant to Clause 15 (1) of the Gas and Electricity (Consumer Safety) Regulation 2018:  
26 August 2022

For Secretary, Department of Customer Service

30 August 2022