

Certificate Number: AZ 69025490

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025490E

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:

Fronius Australia Pty. Ltd.
90-92 Lambeck Drive
Tullamarine VIC 3043
Australia

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Solar Grid Tied Inverter

Trade Name / Manufacturer:

FRONIUS

Model Number:

Symo GEN24 3.0 Plus ; Symo GEN24 4.0 Plus ;
Symo GEN24 5.0 Plus ; Symo GEN24 3.0 ; Symo GEN24 4.0 ;
Symo GEN24 5.0 ; Symo GEN24 3.0 Lite ;
Symo GEN24 4.0 Lite ; Symo GEN24 5.0 Lite

Ratings:

Ratings refer to CONTINUATION SHEET 1-3 for details
Remark: Alternative approval Marking: TUV024943E

Standard:

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

Issue Date:

29/09/2021

Expiry Date:

29/09/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Grant Li'.

Grant Li



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

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Operating Temp.: -25°C to 60°C, Class I, IP66,

Pollution Degree 2

Overvoltage Category (OVC): Battery input: II; PV input: II;

Grid Output: III

Input:

VDC max: 1000V,

IDC max: 12.5A / 12.5A.

Isc: 18.8A / 18.8A

Voltage of battery input: 160-700V

Imax battery: 12.5A,

AC Output:

Grid voltage: 3 ~ NPE 220 V / 380 V / 3 ~ NPE 230 V / 400 V,
50/60Hz

Output voltage to grid: 154-280V, Output current: 8A max

Power factor: 0-1 (adjustable) / 0.7-1 (recommended),

AC OUTPUT DATA PV POINT:

Max output power: 4133W,

Output power: 3000W

Output current: 13A

Output voltage: 1 ~ NPE 220 V / 230 V / 240 V, 53/63HZ

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models Symo GEN24 5.0 Lite ; Symo GEN24 5.0 ;

Symo GEN24 5.0 Plus ;

Input:

VDC MPPT: 210-800V,

Output:

Rated Apparent Power: 5000VA

IAC(rated): 7.6A at 380V / 7.2A at 400V

Pmax : 5000W

For models Symo GEN24 4.0 Lite ; Symo GEN24 4.0 ;

Symo GEN24 4.0 Plus ;

Input:

VDC MPPT: 170-800V,

Output:

Rated Apparent Power: 4000VA

IAC(rated): 6.1A at 380V / 5.8A at 400V

Pmax : 4000W

Issue Date: 29/09/2021

Expiry Date: 29/09/2026

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

For models Symo GEN24 3.0 Lite ; Symo GEN24 3.0

Symo GEN24 3.0 Plus ;

Input:

VDC MPPT: 125-800V,

Output:

Rated Apparent Power: 3000VA

IAC(rated): 4.5A at 380V / 4.3A at 400V

Pmax : 3000W

Issue Date: 29/09/2021

Expiry Date: 29/09/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 4

(Modification 1)

Update standard to AS/NZS 4777.2:2020+A1:2021
from AS/NZS 4777.2:2020.

Issue Date: 02/12/2021

Expiry Date: 29/09/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 5

(Modification 2)

Increase Isc pv from 18.75A/18.75A to 20A/20A for below models:

Symo GEN24 3.0

Symo GEN24 4.0

Symo GEN24 5.0

Issue Date: 25/07/2023

Expiry Date: 29/09/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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