

Certificate Number: AZ 69025503

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025503E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC 17065 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 10.0 Plus ; SYMO GEN24 10.0 ;
SYMO GEN24 10.0 Lite ; SYMO GEN24 9.0 Plus ;
SYMO GEN24 9.0 ; SYMO GEN24 9.0 Lite
SYMO GEN24 8.0 Plus ; SYMO GEN24 8.0
Model Numbers refer to CONTINUATION SHEET 1 for details

Ratings:

Ratings refer to CONTINUATION SHEET 1 to 4 for details
Remarks: Alternative Authorised Marking "TUV023988E"
is applicable to above mentioned model.

Standard:

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

Issue Date:

05/10/2021

Expiry Date:

05/10/2026

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

Model Number: SYMO GEN24 8.0 Lite ; SYMO GEN24 7.0 Plus ;
SYMO GEN24 7.0 ; SYMO GEN24 7.0 Lite ;
SYMO GEN24 6.0 Plus ; SYMO GEN24 6.0 ;
SYMO GEN24 6.0 Lite

Models: Symo GEN24 10.0 Plus , Symo GEN24 9.0 Plus ,
Symo GEN24 8.0 Plus , Symo GEN24 7.0 Plus ,
Symo GEN24 6.0 Plus with Backup Terminal (PV Point),
3rd party comm. Interfaces (Modbus TCP, JSON, Digital IO's),
DC-Powerline Communication, Battery activation
(Hybrid inverter), and Full backup (Hybrid inverter only).

Models: Symo GEN24 10.0 , Symo GEN24 9.0 ,
with Backup Terminal (PV Point), 3rd party comm. Interfaces
Symo GEN24 8.0 , Symo GEN24 7.0 , Symo GEN24 6.0
(Modbus TCP, JSON, Digital IO's) and DC-Powerline
Communication.

Models marked "Lite" do not have any of the above function.

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings for all models:

AC Parameters: 380/400Vac three phase, 50/60Hz

Cos ϕ 0.7 – 1 ind./cap.

DC Parameters: Number of MPPT:2; PV input: 80-1000 V d.c

DC Battery input: 160-700V, 22A max

Opportunity power output:

220/230Vac, 53/63Hz, 13A, 2990VAmax, Cos ϕ 0 – 1 ind./

cap. Class I, IP66, -25°C to +60°C;

Over voltage category: DC/ AC: II / III.

Ratings for models: Symo GEN24 10.0 Plus ,

Symo GEN24 10.0 , Symo GEN24 10.0 Lite

PV Input MPPT range: 278-800 V d.c.,

Rated apparent power: 10000VA

Rated AC Output: 10000W,

Rated current: 15.2A@380V; 14.5A@400V

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings for models: Symo GEN24 9.0 Plus , Symo GEN24 9.0 ,
Symo GEN24 9.0 Lite
Input: MPPT range: 250-800 V d.c.,
Rated apparent power: 9000VA
Rated AC Output: 9000W,
Rated current: 13.6A@380V; 13.0A@400V

Ratings for models: Symo GEN24 8.0 Plus , Symo GEN24 8.0 ,
Symo GEN24 8.0 Lite
Input: MPPT range: 224-800 V d.c.,
Rated apparent power: 8000VA
Rated AC Output: 8000 W,
Rated current: 12.1A@380V; 11.6A@400V

Ratings for models: Symo GEN24 7.0 Plus , Symo GEN24 7.0 ,
Symo GEN24 7.0 Lite
Input: MPPT range: 200-800 V d.c.,
Rated apparent power: 7000VA
Rated AC Output: 7000 W,
Rated current: 10.6A@380V; 10.1A@400V

Issue Date: 05/10/2021

Expiry Date: 05/10/2026

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Ratings for models: Symo GEN24 6.0 Plus , Symo GEN24 6.0

Symo GEN24 6.0 Lite

Input: MPPT range: 174-800 V d.c.,

Rated apparent power: 6000VA

Rated AC Output: 6000 W,

Rated current: 9.1A@380V; 8.7A@400V

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Expiry Date: 05/10/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 5

(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: 05/10/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 6

(Modification 2)

Increase Isc pv from 37.5A/18.75A to 40A/20A for below models:

- Symo GEN24 6.0
- Symo GEN24 7.0
- Symo GEN24 8.0
- Symo GEN24 9.0
- Symo GEN24 10.0

Issue Date: 25/07/2023

Expiry Date: 05/10/2026

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