

Certificate Number: AZ 69023988

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV023988E

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:

Grid Tied Energy Storage Inverter

Trade Name / Manufacturer:

FRONIUS

Model Number:

Symo GEN24 PLUS
(Model Numbers info refer to CONTINUATION SHEET 1 - 3)

Ratings:

Output: 220/380-230/400V; 50/60 Hz, 16.4A max
Cos ϕ 0.7 – 1 inductive/capacitive, Three-phase+N+PE,
Non-isolated, Class I, IP66, DRM0,
PV input: 80-1000 V d.c.; No of MPPT: 2
(Ratings info refer to CONTINUATION SHEET 1 - 3)

Standard:

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

Issue Date:

30/01/2020

Expiry Date:

30/01/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

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

Software Version: Kronos: 2.15.3-6948; Zeus: 2.7.4-3475

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,

Symo GEN24 10.0, Symo GEN 24 9.0,

Symo GEN24 8.0, Symo GEN24 7.0,

Symo GEN24 6.0,

Symo GEN24 10.0 Lite, Symo GEN 24 9.0 Lite,

Symo GEN24 8.0 Lite, Symo GEN24 7.0 Lite

and Symo GEN24 6.0 Lite.

Models Symo GEN24 X Plus are equipped with the following:

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).

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Models Symo GEN24 X are equipped with the following:

Backup Terminal (PV Point),
3rd party comm. Interfaces (Modbus TCP, JSON, Digital IO's)
and DC-Powerline Communication.

Models Symo GEN24 X Lite are not equipped with any of the
above, where X can be 10.0, 9.0, 8.0, 7.0, or 6.0.

All models:

Maximum input current: 25.0 A / 12.5 A,

Maximum short circuit input current: 37.5 A / 18.8 A

Symo GEN24 10.0 Plus, Symo GEN24 10.0

and Symo GEN24 10.0 Lite

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

AC Output: 10,000 W, Nominal current at 230/400 V a.c.: 14.5A

Symo GEN24 9.0 Plus, Symo GEN24 9.0 and

Symo GEN24 9.0 Lite

Input: MPPT range: 250-800 V d.c.,

AC Output: 9,000 W, Nominal current at 230/400 V a.c.: 13.0A

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Symo GEN24 8.0 Plus, Symo GEN24 8.0, and
Symo GEN24 8.0 Lite
Input: MPPT range: 224-800 V d.c.,
AC Output: 8,000 W, Nominal current at 230/400 V a.c.: 11.6A

Symo GEN24 7.0 Plus, Symo GEN24 7.0,
Symo GEN24 7.0 Lite
Input: MPPT range: 200-800 V d.c.,
AC Output: 7,000 W, Nominal current at 230/400 V a.c.: 10.1A

Symo GEN24 6.0 Plus, Symo GEN24 6.0,
Input: MPPT range: 174-800 V d.c.,
AC Output: 6,000 W, Nominal current at 230/400 V a.c.: 8.7A

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