

Certificate Number: AZ 69025655

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV025655E

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:

Fronius Symo **.*-3-M
(Models Info refer to CONTINUATION SHEET 1-2)

Ratings:

PF:0-1 ind./cap. Non-isolated, Class I, IP66,
OVC 3 for AC output; OVC 2 for PV input
Ratings refer to CONTINUATION SHEET 1-2 for details

Standard:

AS/NZS 4777.2:2020+A1
IEC 62109-1:2010
IEC 62109-2:2011

Issue Date:

09/12/2021

Expiry Date:

09/12/2026

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

Certificate Number: AZ 69025655

Page: 0002



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model Number (Fronius Symo **. *-3-M):
Fronius Symo 10.0-3-M , Fronius Symo 12.5-3-M
Fronius Symo 15.0-3-M , Fronius Symo 17.5-3-M
Fronius Symo 20.0-3-M

Ratings:

For Model: Fronius Symo 10.0-3-M
PV Input: MPPT range: 270-800 V d.c.,
Idc max. MPP1/MPP2: 27.0/16.5 A; Isc MPP1/MPP2: 40.5/24.8 A
AC Output: 220-230V/380-400V, 50/60Hz
Rate current at 230/400 V a.c.: 14.5 A
Rated apparent power: 10000VA

For Model: Fronius Symo 12.5-3-M
PV Input: MPPT range: 320-800 V d.c.,
Idc max. MPP1/MPP2: 27.0/16.5 A; Isc MPP1/MPP2: 40.5/24.8 A
AC Output: 220-230V/380-400V, 50/60Hz
Rate current at 230/400 V a.c.: 18.1 A
Rated apparent power: 12500VA

Issue Date: 09/12/2021

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Page: 0003



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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For Model: Fronius Symo 15.0-3-M

PV Input: MPPT range: 320-800 V d.c.,

I_{dc} max.MPP1/MPP2: 33.0/27.0 A; I_{sc} MPP1/MPP2: 49.5/40.5 A

AC Output: 220-230V/380-400V, 50/60Hz

Rated current at 230/400 V a.c.: 21.7 A

Rated apparent power: 15000VA

For Model: Fronius Symo 17.5-3-M

PV Input: MPPT range: 370-800 V d.c.,

I_{dc} max.MPP1/MPP2: 33.0/27.0 A; I_{sc} MPP1/MPP2: 49.5/40.5 A

AC Output: 220-230V/380-400V, 50/60Hz

Rated current at 230/400 V a.c.: 25.4 A

Rated apparent power: 17500VA

For Model: Fronius Symo 20.0-3-M

PV Input: MPPT range: 420-800 V d.c.,

I_{dc} max.MPP1/MPP2: 33.0/27.0 A; I_{sc} MPP1/MPP2: 49.5/40.5 A

AC Output: 220-230V/380-400V, 50/60Hz

Rated current at 230/400 V a.c.: 29.0 A

Rated apparent power: 20000VA

Issue Date: 09/12/2021

Expiry Date: 09/12/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Certificate Number: AZ 69025655

Page: 0004



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CONTINUATION SHEET 3

(Modification 1)

Increase Isc pv from 40.5A/24.8A to 56.0A/34.0A and from 49.5A/40.5A to 68.0A/56.0A for models as below:

Fronius Symo 10.0-3-M (56.0A/34.0A)

Fronius Symo 12.5-3-M (56.0A/34.0A)

Fronius Symo 15.0-3-M (68.0A/56.0A)

Fronius Symo 17.5-3-M (68.0A/56.0A)

Fronius Symo 20.0-3-M (68.0A/56.0A)

Issue Date: 25/07/2023

Expiry Date: 09/12/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

TÜV Rheinland

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