Certificate Number: AZ 69026312 Page: 0001

CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026312-E

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under JAS-ANZ accreditation. The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification and met the minimum safety requirements contained in Australian Standard AS/NZS 3820 as of current. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder may affix the above mentioned authorised marking on the product.

CERTIFICATE HOLDER:

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

DESCRIPTION OF EQUIPMENT

Declared class:	Non-declared
Product:	Grid Tied Inverter
Trade Name / Manufacturer:	FRONIUS
Model Number:	Fronius Symo Advanced 10.0-3-M , Fronius Symo Advanced 12.5-3-M , Fronius Symo Advanced 15.0-3-M , Fronius Symo Advanced 17.5-3-M , Fronius Symo Advanced 20.0-3-M .
Ratings:	Ratings refer to CONTINUATION SHEET 1-2 for details
Standard:	AS/NZS 4777.2:2020+A1 IEC 62109-2:2011 IEC 62109-1:2010
Issue Date:	13/09/2022
Expiry Date:	13/09/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li

www.jas-anz.org\register

TUV Rheinland Australia Pty Ltd
182 Dougharty Road, Heidelberg West VIC 3081
Phone: +61 (3) 9450 1400
Email: certification@au.tuv.com
Website: www.au.tuv.com

Certificate Number: AZ 69026312 Page: 0002

CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026312-E

CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:
Protection: Class I, IP66, PD 2(Inside), PD 3 (Outside)
Operating Temp.: -25°C to 60°C
Overvoltage Category (OVC): DC input: II; AC Output: III

For models: Fronius Symo Advanced 10.0-3-M; -12.5-3-M
Input:
VDC max: 1000 Vd.c.,
VDC MPPT: 270- 800; 320 - 800Vd.c.,
IDC max: 27.0/16.5A,
Isc PV: 40.5/24.8A

Output:
Output voltage: 3-NPE 400 V / 230 V or 3~NPE 380 V / 220 V
Output frequency: 50Hz,
Rated Output Power: 10000W; 12500W
Max / Rated Output Apparent Power: 10000VA; 12500VA
Max / Rated output current: 14.4A@400V; 18.1A@400V
Power factor: 0 – 1 ind. / cap

Issue Date: 13/09/2022
Expiry Date: 13/09/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li

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Certificate Number: AZ 69026312 Page: 0003

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: Fronius Symo Advanced 15.0-3-M; -17.5-3-M;
-20.0-3-M

Input:
VDC max: 1000 Vd.c.,
VDC MPPT: 320- 800; 370 – 800; 420- 800Vd.c.,
IDC max: 33.0/27.0A,
Isc PV: 49.5/40.5A,

Output:
Output voltage: 3-NPE 400 V / 230 V or 3~NPE 380 V / 220 V
Output frequency: 50Hz,
Rated Output Power: 15000W; 17500W; 20000W
Max / Rated Output Apparent Power: 15000VA; 17500VA; 20000VA
Max / Rated output current: 21.7A@400V; 25.4A@400V;
29.0A@400V
Power factor: 0 – 1 ind. / cap

Issue Date: 13/09/2022
Expiry Date: 13/09/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li

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Certificate Number: AZ 69026312 Page: 0004

CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026312-E

CONTINUATION SHEET 3

(Modification 1)

Increase Isc pv from 40.5A/24.8A to 55.7A/34.0A and from 49.5A/40.5A to 68.0A/55.7A for models as below:

Fronius Symo Advanced 10.0-3-M (55.7A/34.0A)
Fronius Symo Advanced 12.5-3-M (55.7A/34.0A)
Fronius Symo Advanced 15.0-3-M (68.0A/55.7A)
Fronius Symo Advanced 17.5-3-M (68.0A/55.7A)
Fronius Symo Advanced 20.0-3-M (68.0A/55.7A)

Issue Date: 25/07/2023
Expiry Date: 13/09/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li

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