

Certificate Number: AZ 69024375

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV024375E

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:

Fronius Symo Hybrid 5.0-3-S ;
Fronius Symo Hybrid 4.0-3-S ;
Fronius Symo Hybrid 3.0-3-S .

Ratings:

(Ratings details refer to CONTINUATION SHEET 1 - 2).
Remarks: Alternative Authorised Marking "TUV020268E" is applicable to above mentioned models.

Standard:

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

Issue Date:

09/07/2020

Expiry Date:

09/07/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



Acc. No. Z2870404AA
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For All models:

AC Output:

220/380V - 230/400VAC, 3Ø, 50Hz,

Power factor 0.85 – 1 (inductive / capacitive)

Class I, Operating temp. -25 to +60°C, IP65

Maximum current: 8.3 A/phase

DC PV input port

Maximum voltage: 1000V

Minimum voltage: 150V

MPPT voltage: For model 3.0-3-S:190-800V;

For model 4.0-3-S:250-800V; For model 5.0-3-S:315-800V.

Max current MPPT: 16A

Max Short circuit current of PV modules: 24A

DC Battery input/output port:

Maximum voltage: 480V

Minimum voltage: 120V

Rated current: 16A

Max Short circuit current of the battery port: 20A

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

Model: Fronius Symo Hybrid 3.0-3-S

AC grid port:

Nominal active power (W) @ $\cos\phi=1$: 3000W

Maximum apparent power S(max): 3000W

Rated output current: 4.6A/phase (for 220/380V),

4.4A/phase (for 230/400V)

Model: Fronius Symo Hybrid 4.0-3-S

AC grid port:

Nominal active power (W) @ $\cos\phi=1$: 4000W

Maximum apparent power S(max): 4000W

Rated output current: 6.1A/phase (for 220/380V),

5.8A/phase (for 230/400V)

Model: Fronius Symo Hybrid 5.0-3-S

AC grid port:

Nominal active power (W) @ $\cos\phi=1$: 5000W

Maximum apparent power S(max): 5000W

Rated output current: 7.6A/phase (for 220/380V),

7.3A/phase (for 230/400V)

Issue Date: 09/07/2020

Expiry Date: 09/07/2025

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