

Certificate Number: AZ 69025542

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025542E

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 ECO 25.0-3-S , Fronius Eco 27.0-3-S

Ratings:

Ratings details refer to CONTINUATION SHEET 1
Remarks: Alternative Authorised Marking "TUV020299E"
"TUV024376E" are applicable to above mentioned model.

Standard:

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

Issue Date:

24/11/2021

Expiry Date:

24/11/2026

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:

Operating Temp.: -25°C to 60°C,

Overvoltage Category (OVC): PV input: II; Grid Output: III

Protection: Class I, IP66, PD 2 (inside); PD 3 (outside)

For models: Fronius ECO 25.0-3-S , Fronius Eco 27.0-3-S

Input:

VDC max: 1000Vd.c.,

VDC MPPT: 580-850Vd.c.,

Isc PV: 71.6A

IDC max: 44.2; 47.7A

Output:

Nominal grid voltage: 3~NPE 380/400V

Nominal frequency: 50/60Hz

Power factor cos phi: 0 – 1 ind/cap

Rated / Max Output Power: 25000W; 27000W

Rated / Max apparent power: 25000VA; 27000VA

Rated output current at 380/400V: 37.9/36.2; 40.9/39.1A

Max output current: 42A

Issue Date: 24/11/2021

Expiry Date: 24/11/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 2

(Modification 1)

Increase Isc pv from 71.6A to 80A for below models:

Fronius ECO 25.0-3-S

Fronius ECO 27.0-3-S

Issue Date: 25/07/2023

Expiry Date: 24/11/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

TÜVRheinland®

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Grant Li



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