

Certificate Number: AZ 69025461

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025461E

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 Inverter

Trade Name / Manufacturer:

FRONIUS

Model Number:

Tauro Eco 50-3-P ; Tauro Eco 50-3-D ;
Tauro Eco 99-3-P ; Tauro Eco 99-3-D
Tauro Eco 100-3-P ; Tauro Eco 100-3-D

Ratings:

Ratings refer to CONTINUATION SHEET 1-3 for details

Standard:

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

Issue Date:

23/09/2021

Expiry Date:

23/09/2026

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:

Input:

VDC max: 1000V d.c.

VDC MPPT: 580 - 930V d.c.

Output voltage: 3~ NPE 380/ 220V a.c., 3~ NPE 400/ 230V a.c.

Rated frequency: 50 / 60Hz

Power factor: 0 – 1 ind. / cap.

Protection: Class I, IP65, PDIII

Operating Temp.: -40°C to 65°C

Only when the optional AC-Switch is used: -30°C to 65°C

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

For models: Tauro ECO 50-3-D and Tauro Eco 50-3-P

Input:

IDC max inverter: 87.5A

IDC max PV 1 / 2: 75A / 75A

Isc max PV 1 / 2: 125A / 125A

Isc max inverter: 178A

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: Tauro Eco 50-3-D and Tauro Eco 50-3-P :

Output:

Rated AC Power: 50000W

IAC(rated): 75A@380V / 72.5A@400V

IAC max.: 76A a.c.

Rated Output Apparent Power: 50000VA

For models: Tauro Eco 99-3-D and Tauro Eco 99-3-P :

Input:

IDC max inverter: 175A

IDC max PV 1 / 2 / 3: 100A / 100A / -- ("P" version)

75A / 75A / 75A ("D" version)

Isc max inverter: 250A ("P" version) / 355A ("D" version)

Isc max PV 1 / 2 / 3: 125A / 125A / -- ("P" version)

125A / 125A / 125A ("D" version)

Output:

Rated AC Power: 99990W

IAC(rated): 150A@380V / 145A@400V

IAC max.: 152A a.c.

Rated Output Apparent Power: 99990VA

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

For models: Tauro Eco 100-3-D and Tauro Eco 100-3-P :

Input:

IDC max inverter: 175A

IDC max PV 1 / 2 / 3: 100A / 100A / -- ("P" version)

75A / 75A / 75A ("D" version)

Isc max inverter: 250A ("P" version) / 355A ("D" version)

Isc max PV 1 / 2 / 3: 125A / 125A / -- ("P" version)

125A / 125A / 125A ("D" version)

Output:

Rated AC Power: 100000W

IAC(rated): 150A@380V / 145A@400V

IAC max.: 152A a.c.

Rated Output Apparent Power: 100000VA

Issue Date: 23/09/2021

Expiry Date: 23/09/2026

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CONTINUATION SHEET 4

(Modification 1)

Update standard to AS/NZS 4777.2:2020 +A1:2021
from AS/NZS 4777.2:2020.

Issue Date: 02/12/2021

Expiry Date: 23/09/2026

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TÜVRheinland

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