

Certificate Number: AZ 69025480

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025480E

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 PV Grid Tied Inverter

Trade Name / Manufacturer:

FRONIUS

Model Number:

Model numbers refer to CONTINUATION SHEET 1 - 3

Ratings:

Ratings details refer to CONTINUATION SHEET 1 - 3
Remark: Alternative Authorised marking "TUV017937E" and "TUV024147E" is applicable to above mentioned model.

Standard:

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

Issue Date:

24/11/2021

Expiry Date:

24/11/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "Grant Li".

Grant Li



Acc. No. Z2870404AA
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model Numbers:

Fronius Primo 8.2-1 , Fronius Primo 6.0-1 ,
Fronius Primo 5.0-1 , Fronius Primo 5.0-1 AUS ,
Fronius Primo 4.6-1 , Fronius Primo 4.0-1 ,
Fronius Primo 3.6-1 , Fronius Primo 3.5-1 ,
Fronius Primo 3.0-1 , Fronius Primo 5.0-1 SC .

Ratings for all models:

DC input: Max. input voltage: 1000V
AC output: 220/230Vac, 50/60Hz, PF: 0.85-1
inductive/capacitive Class I, IP65,
permissible ambient temperature: -40°C to 55°

Model Fronius Primo 8.2-1 :

DC input: MPPT voltage: 240-800V; Max. Input current: 18A;
Isc: 54A
AC output: Nominal power: 8200W; Smax/rated: 8200VA;
Rated current: 35.7A

Model Fronius Primo 6.0-1 :

DC input: MPPT voltage: 240-800V; Max. Input current: 18A;
Isc: 54A
AC output: Nominal power: 6000W; Smax/rated: 6000VA;
Rated current: 26.1A

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Model Fronius Primo 5.0-1 :
DC input: MPPT voltage: 240-800V; Max. Input current: 12A;
Isc: 36A
AC output: Nominal power: 5000W; Smax/rated: 5000VA;
Rated current: 21.7A

Model Fronius Primo 5.0-1 AUS :
DC input: MPPT voltage: 240-800V; Max. Input current: 18A;
Isc: 54A
AC output: Nominal power: 4600W; Smax/rated: 4600VA;
Rated current: 20A

Model Fronius Primo 4.6-1 :
DC input: MPPT voltage: 240-800V; Max. Input current: 12A;
Isc: 36A
AC output: Nominal power: 4600W; Smax/rated: 4600VA;
Rated current: 20A

Model Fronius Primo 4.0-1 :
DC input: MPPT voltage: 210-800V; Max. Input current: 12A;
Isc: 36A
AC output: Nominal power: 4000W; Smax/rated: 4000VA;
Rated current: 17.4A

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Model Fronius Primo 3.6-1 :

DC input: MPPT voltage: 200-800V; Max. Input current: 12A

Isc: 36A

AC output: Nominal power: 3680W; Smax/rated: 3680VA;

Rated current: 16.0A

Model Fronius Primo 3.5-1 :

DC input: MPPT voltage: 200-800V; Max. Input current: 12A;

Isc: 36A

AC output: Nominal power: 3500W; Smax/rated: 3500VA;

Rated current: 15.2A

Model Fronius Primo 3.0-1 :

DC input: MPPT voltage: 200-800V; Max. Input current: 12A;

Isc: 36A

AC output: Nominal power: 3000W; Smax/rated: 3000VA;

Rated current: 13.0A

Model Fronius Primo 5.0-1 SC :

DC input: MPPT voltage: 240-800V; Max. Input current: 18A;

Isc: 54A

AC output: Nominal power: 5000W; Smax/rated: 5000VA;

Rated current: 21.7A

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CONTINUATION SHEET 4

(Modification 1)

Increase Isc pv from 27A/27A to 36A/36A and from 18A/18A to 24A/24A, see details for each model as below:

Fronius Primo 3.0-1 (24A/24A)
Fronius Primo 3.5-1 (24A/24A)
Fronius Primo 3.6-1 (24A/24A)
Fronius Primo 4.0-1 (24A/24A)
Fronius Primo 4.6-1 (24A/24A)
Fronius Primo 5.0-1 (24A/24A)
Fronius Primo 5.0-1 AUS (36A/36A)
Fronius Primo 5.0-1 SC AUS (36A/36A)
Fronius Primo 6.0-1 (36A/36A)
Fronius Primo 8.2-1 (36A/36A)

TÜVRheinland

Issue Date: 25/07/2023

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Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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