

Certificate Number: AZ 69026758

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026758-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:

Solar Hybrid Grid Tied Inverter

Trade Name / Manufacturer:

FRONIUS

Model Number:

Primo GEN24 10.0 Lite , Primo GEN24 10.0 ,
Primo GEN24 10.0 Plus , Primo GEN24 8.0 Lite ,
Primo GEN24 8.0 , Primo GEN24 8.0 Plus

Ratings:

Ratings refer to CONTINUATION SHEET 1-3 for details

Standard:

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

Issue Date:

20/01/2023

Expiry Date:

20/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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

Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Protection: Class I, IP66, PD 2(Inside), PD 3 (Outside)

Operating Temp.: -40°C to 60°C

Overvoltage Category (OVC): DC input: II; AC Output: III

For models: Primo GEN24 10.0 Lite, Primo GEN24 10.0,
Primo GEN24 10.0 Plus

PV Input:

VDC max: 600 Vd.c.,

VDC MPPT: 260 - 480Vdc,

IDC max: 22.0A/22.0A,

Isc PV: 33.0A/33.0A

Battery Input:

VDC max: 455 Vd.c.,

Max charging/discharging current: 22.0A/22.0A,

Issue Date: 20/01/2023

Expiry Date: 20/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

Output:

Output voltage: 1-NPE 220V/230V/240V

Output frequency: 50/60Hz,

Max / Rated Output Power: 10000W;

Max / Rated Output Apparent Power: 10000VA;

Max / Rated output current: 45.45A

Power factor: 0.8 – 1(adjustable)

For models: Primo GEN24 8.0 Lite, Primo GEN24 8.0,

Primo GEN24 8.0 Plus

PV Input:

VDC max: 600 Vd.c.,

VDC MPPT: 260 - 480Vdc,

IDC max: 22.0A/22.0A,

Isc PV: 33.0A/33.0A

Battery Input:

VDC max: 455 Vd.c.,

Max charging/discharging current: 22.0A/22.0A,

Issue Date: 20/01/2023

Expiry Date: 20/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

Output:

Output voltage: 1-NPE 220V/230V/240V

Output frequency: 50/60Hz,

Max / Rated Output Power: 8000W;

Max / Rated Output Apparent Power: 8000VA;

Max / Rated output current: 45.45A

Power factor: 0.8 – 1(adjustable)

Issue Date: 19/01/2023

Expiry Date: 20/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 4

(Modification 1)

Increase Isc pv from 33A/33A to 41.25A/36A for below models:

Primo GEN24 8.0

Primo GEN24 10.0

Issue Date: 25/07/2023

Expiry Date: 20/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

TÜVRheinland

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CONTINUATION SHEET 5

(Modification 2)

Update Srated and Smax ratings from 10000 VA to 9999 VA,
and update Pmax rating from 10000W to 9999W, for model
Primo GEN24 10.0, Primo GEN24 10.0 Lite, and
Primo GEN24 10.0 Plus.

Issue Date: 10/04/2024

Expiry Date: 20/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


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