

Certificate Number: AZ 69023866

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV023866E

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:

Primo GEN24 6.0 Plus , and other models of the same family
(Model Numbers info refer to CONTINUATION SHEET 1 - 3)

Ratings:

Output: 220/230/240 V a.c., single-phase, 50/60 Hz,
 $\cos \varphi \geq \pm 0.8$ ind./cap. 6,000 W (at $\cos \varphi = \pm 1.0$),
PV Input: 65 to 600 V d.c., Max current MPPT1 /
MPPT2 22 A / 12 A ; Class I, IP66, -40°C to +60°C
(Ratings info refer to CONTINUATION SHEET 1 - 3)

Standard:

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

Issue Date:

29/11/2019

Expiry Date:

29/11/2024

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A blue ink signature of Grant Li, written over a horizontal line.

Grant Li



Acc. No. Z2870404AA
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Models having: Backup Terminal (PV Point),
3rd party comm. Interfaces (Modbus TCP, JSON, Digital IO's),
DC-Powerline Communication,
Battery activation (Hybrid inverter), and
Full backup (Hybrid inverter only):
Primo GEN24 6.0 Plus , Primo GEN24 5.0 Plus ,
Primo GEN24 4.6 Plus , Primo GEN24 4.0 Plus ,
Primo GEN24 3.6 Plus , Primo GEN24 3.0 Plus .

Models having: Backup Terminal (PV Point),
3rd party comm. Interfaces (Modbus TCP, JSON, Digital IO's),
and DC-Powerline Communication:
Primo GEN24 6.0 , Primo GEN24 5.0 ,
Primo GEN24 4.6 , Primo GEN24 4.0 ,
Primo GEN24 3.6 , Primo GEN24 3.0 .

Models marked "Lite" do not have any of the above function.

All models:

Number of MPP trackers: 2

Battery: Voltage: 150 - 455 Vd.c., Max current: 22 A

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Models: Primo GEN24 6.0 Plus , Primo GEN24 6.0 ,
Primo GEN24 6.0 Lite :
Rated Output: 6,000 VA, Max output Current: 27.5 A,
PV input MPP Voltage: 230-480 Vd.c.
Max. AC charging power for battery: 6000 W

Models: Primo GEN24 5.0 Plus , Primo GEN24 5.0 ,
Primo GEN24 5.0 Lite :
Rated Output 5,000 VA, Max output Current: 27.5 A,
PV input MPP Voltage: 230-530 Vd.c.
Max. AC charging power for battery: 5000 W

Models: Primo GEN24 4.6 Plus , Primo GEN24 4.6 ,
Primo GEN24 4.6 Lite :
Rated Output 4,600 VA, Max output Current: 27.5 A,
PV input MPP Voltage: 230-530 Vd.c.
Max. AC charging power for battery: 4600 W

Models: Primo GEN24 4.0 Plus , Primo GEN24 4.0 ,
Primo GEN24 4.0 Lite :
Rated Output 4,000 VA, Max output Current: 25.8 A,
PV input PV input MPP Voltage: 210-530 Vd.c.
Max. AC charging power for battery: 4000 W

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Models: Primo GEN24 3.6 Plus , Primo GEN24 3.6 ,
Primo GEN24 3.6 Lite :
Rated Output 3,680 VA, Max output Current: 23.7 A,
PV input MPP Voltage: 200-530 Vd.c.,
Max. AC charging power for battery: 3680 W

Models: Primo GEN24 3.0 Plus , Primo GEN24 3.0 ,
Primo GEN24 3.0 Lite ,
Rated Output 3,000 VA, Max output Current: 19.4 A,
PV input MPP Voltage: 190-530 Vd.c.,
Max. AC charging power for battery: 3000 W

Issue Date: 29/11/2019

Expiry Date: 29/11/2024

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