

# CERTIFICATE OF SUITABILITY

Authorised marking: TUV-028883-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 complied with the standard(s) listed below in accordance with the scheme herein 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.

**CERTIFICATE HOLDER:** Fronius Australia Pty. Ltd.  
90-92 Lambeck Drive  
Tullamarine VIC 3043  
Australia

## DESCRIPTION OF ELECTRICAL EQUIPMENT

**Declared class:** Non-declared  
**Product:** Solar Hybrid Grid Tied Inverter  
**Trade Name / Manufacturer:** Fronius  
**Model Number:** Verto 15.0 Plus, Verto 17.5 Plus, Verto 20.0 Plus,  
Verto 25.0 Plus, Verto 30.0 Plus, Verto 33.3 Plus.  
**Ratings:** Ratings refer to Continuation Sheet 1 for details  
**Condition(s):** N/A  
**Standard:** IEC 62109-1:2010  
IEC 62109-2:2011  
AS/NZS 4777.2:2020 + Amd 1:2021 + Amd 2:2024

**Issue Date:** 30-01-2026  
**Expiry Date:** 30-01-2031

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd



Rafeeqe Mohamed

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## CONTINUATION SHEET 1

Ratings:

For all models of inverters Verto 15.0 Plus, Verto 17.5 Plus, Verto 20.0Plus, Verto 25.0 Plus, Verto 30.0 Plus, Verto 33.3 Plus:

Protection: Class I, IP 66, PD3

Permitted Ambient Temp.: -40°C to 60°C

Overtoltage Category (OVC): DC side: II(OVC 2), AC side: III(OVC 3)

AC Side:

Rated Output Voltage: 230 Va.c.

Rated Output Current: 21.7; 25.4; 29.0; 36.2; 43.5; 48.3 Aa.c.

Max Output Current: 32.3; 32.3; 32.3; 53.7; 53.7; 53.7 Aa.c.

Rated Frequency: 50/60 Hz

Rated AC Power: 15; 17.5; 20; 25; 29.99; 33.3 kW

Rated AC Apparent Power: 15; 17.5; 20; 25; 29.99; 33.3 kVA

Power Factor: 0 -1 ind./cap.

DC side:

Min/Max DC Voltage: 150-1000 Vd.c.

Max. Short Circuit Current (PV): 50\*3; 50\*3; 50\*3; 50\*3; 50\*3; 50\*3Ad.c.

Max. Short Circuit Current (Inverter): 100; 100; 100; 100; 100; 100Ad.c.

Max. Input Current (String): 28\*3; 28\*3; 28\*3; 28\*3; 28\*3; 28\*3 Ad.c.

Max. Input Current (battery): 50; 50; 50; 50; 50; 50 Ad.c.

Max input power (PV): 20\*3; 20\*3; 20\*3; 20\*3; 20\*3; 20\*3 kW

Max input power (Inverter): 22.5; 26.25; 30; 37.5; 45; 50 kW

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