

Certificate Number: AZ 69026117

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026117-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:

FIMER S.p.A.
VIA TORTONA 25
20144 MILAN MI
Italia

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Solar Grid Tied Inverter

Trade Name / Manufacturer:

FIMER

Model Number:

PVS-100-TL

Power module: PVS-100-TL-POWER MODULE

Wiring Box: WB-SX-PVS-100-TL ; WB-SX2-PVS-100-TL ;

WB-SY-PVS-100-TL ; WB-SY2-PVS-100-TL ;

WB-PVS-100-TL ; WB-S2-PVS-100-TL

Ratings:

Ratings refer to CONTINUATION SHEET 1-2 for details

Standard:

AS/NZS 4777.2:2020+A1

IEC 62109-1:2010

IEC 62109-2:2011

Issue Date:

16/06/2022

Expiry Date:

16/06/2027

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
www.jas-anz.org/register

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Protection: Class I, IP66 (IP54 for cooling section),
PD 2 (Inside), PD 3 (Outside)
Operating Temp.: -25°C to 60°C (>40°C derating),
Overvoltage Category (OVC): DC input: II; AC Output: III

Input:

VDC max: 1000Vd.c.,
VDC MPPT: 480 - 850Vd.c.,
IDC max: 6 x 36A for PVS-100-TL-POWER MODULE with wiring
box model WB-SX-PVS-100-TL; WB-SX2-PVS-100-TL;
WB-SY-PVS-100-TL; WB-SY2-PVS-100-TL;
2 x 108A for PVS-100-TL-POWER MODULE with wiring box model
WB-PVS-100-TL; WB-S2-PVS-100-TL
ISC: 6 x 50A for PVS-100-TL-POWER MODULE with
wiring box model WB-SX-PVS-100-TL; WB-SX2-PVS-100-TL;
WB-SY-PVS-100-TL; WB-SY2-PVS-100-TL;
2 x 150A for PVS-100-TL-POWER MODULE with wiring box model
WB-PVS-100-TL; WB-S2-PVS-100-TL

Issue Date: 16/06/2022

Expiry Date: 16/06/2027

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

Output:

Output voltage: 400V, 3W+PE or 4W+PE, 3-phase

Output frequency: 50/60Hz,

Rated Output Power: 100000W;

Max / Rated Output Apparent Power: 100000VA;

Max / Rated output current: 145A

Power factor: > 0.995, 0...1 inductive/capacitive with maximum Smax

Issue Date: 16/06/2022

Expiry Date: 16/06/2027

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