

**Certificate Number:** AZ 69025709

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-025709-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-20-TL-SXD ; PVS-20-TL-SY ; PVS-20-TL-SX ;  
PVS-30-TL-SX ; PVS-30-TL-SY ;  
PVS-33-TL-SY ; PVS-33-TL-SX ; PVS-33-TL-SI

**Ratings:**

Ratings refer to CONTINUATION SHEET 1 - 2

**Standard:**

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

**Issue Date:**

10/06/2022

**Expiry Date:**

10/06/2027

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



Acc. No. Z2870404AA  
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Operating Temp.: -25°C to 60°C, Class I, IP65, PD 3

Overvoltage Category (OVC): PV input: II; Grid Output: III

Input for models PVS-20-TL-SX and PVS-20-TL-SY:

VDC max: 1100Vd.c., VDC MPPT: 460-850Vd.c.;

Isc PV: 2 x 30A, IDC max: 2 x 26A

Input for models PVS-20-TL-SXD, PVS-30-TL series and

PVS-33-TL series:

VDC max: 1100Vd.c., VDC MPPT: 460-850Vd.c.;

Isc PV: 4 x 30A, IDC max: 2 x 26A + 2 x 22A

Output for models PVS-20-TL-SXD; PVS-20-TL-SY; PVS-20-TL-SX;

Nominal grid voltage: 3~NPE 380/400V ; 50/60Hz

Rated Output Power: 20000W

Rated / Max apparent power: 22000VA

Rated / Max output current: 31.9 / 33.4A

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: PVS-30-TL-SX; PVS-30-TL-SY;

Nominal grid voltage: 3~NPE 380/400V ; 50/60Hz

Rated Output Power: 30000W

Rated / Max apparent power: 30000VA

Rated / Max output current: 43.5 / 50.1A

Power factor cos phi: 0 – 1 ind/cap

For models: PVS-33-TL-SY; PVS-33-TL-SX; PVS-33-TL-SI

Nominal grid voltage: 3~NPE 380/400V ; 50/60Hz

Rated Output Power: 33000W

Rated / Max apparent power: 36300VA

Rated / Max output current: 52.6 / 55.1A

Power factor cos phi: 0 – 1 ind/cap

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