

Certificate Number: AZ 69026200

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026200-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 S.p.A

Model Number:

PVS-175-TL series

Model numbers refer to Appendix page 01 ver.1.0

Power Module:

PVS-175-TL-POWER-MODULE-1 ,
PVS-175-TL-POWER-MODULE-2

Wiring Box:

WB-S-PVS-175-TL ; WB-S2-PVS-175-TL ;
WB-SX-PVS-175-TL ; WB-SX2-PVS-175-TL

Ratings:

Ratings refer to CONTINUATION SHEET 1 for details

Standard:

AS/NZS 4777.2:2020+A1

IEC 62109-1:2010

IEC 62109-2:2011

Issue Date:

02/08/2022

Expiry Date:

02/08/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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

Grant Li



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CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Protection: Class I, IP65 (IP54 for cooling section),
PD 2 (Inside), PD 3 (Outside)
Operating Temp.: -25°C to 60°C,
Overvoltage Category (OVC): DC input: II; AC Output: III

Input:

VDC max: 1500Vd.c.,
VDC MPPT: 850 - 1350Vd.c.,
IDC max: 12 x 22A=264A,
Isc PV: 12 x 30A=300A;

Output:

Output voltage: 800V, 3W+PE, 3-phase
Output frequency: 50/60Hz,
Rated Output Power: 185000W (up to 30°C) / 175000W
Max / Rated Output Apparent Power: 185000VA
(up to 30°C) / 175000VA
Max / Rated output current: 135A / 134A
Power factor: > 0.995, 0...1 inductive/capacitive with
maximum Smax

Issue Date: 02/08/2022

Expiry Date: 02/08/2027

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



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Appendix

Authorised marking: TUV-026200-E

Version: 1.0

Issue date: 02-08-2022

PVS-175-TLX-WIRINGBOX-IFA Opz.4 Opz.5 Opz.6 Opz.7, where:

TLX may be TL1 or TL2

WIRINGBOX may be WB-S or WB-S2 or WB-SX or WB-SX2

Opz.4 may be Y or N, Opz.5 may be Y or N

Opz.6 may be S or M, Opz.7 may be Y or N

Model numbers	
PVS-175-TL1-WB-S-IFAYYSY	PVS-175-TL2-WB-S-IFAYYSN
PVS-175-TL1-WB-S-IFAYMY	PVS-175-TL2-WB-S-IFAYMYN
PVS-175-TL1-WB-S-IFAYNSY	PVS-175-TL2-WB-S-IFAYNSN
PVS-175-TL1-WB-S-IFAYNMY	PVS-175-TL2-WB-S-IFAYNMN
PVS-175-TL1-WB-S-IFANYSY	PVS-175-TL2-WB-S-IFANYSN
PVS-175-TL1-WB-S-IFANYMY	PVS-175-TL2-WB-S-IFANYMN
PVS-175-TL1-WB-S-IFANNSY	PVS-175-TL2-WB-S-IFANNSN
PVS-175-TL1-WB-S-IFANNMY	PVS-175-TL2-WB-S-IFANNMN
PVS-175-TL1-WB-S2-IFAYYSY	PVS-175-TL2-WB-S2-IFAYYSN
PVS-175-TL1-WB-S2-IFAYMY	PVS-175-TL2-WB-S2-IFAYMYN
PVS-175-TL1-WB-S2-IFAYNSY	PVS-175-TL2-WB-S2-IFAYNSN
PVS-175-TL1-WB-S2-IFAYNMY	PVS-175-TL2-WB-S2-IFAYNMN
PVS-175-TL1-WB-S2-IFANYSY	PVS-175-TL2-WB-S2-IFANYSN
PVS-175-TL1-WB-S2-IFANYMY	PVS-175-TL2-WB-S2-IFANYMN
PVS-175-TL1-WB-S2-IFANNSY	PVS-175-TL2-WB-S2-IFANNSN
PVS-175-TL1-WB-S2-IFANNMY	PVS-175-TL2-WB-S2-IFANNMN
PVS-175-TL1-WB-SX-IFAYYSY	PVS-175-TL2-WB-SX-IFAYYSN
PVS-175-TL1-WB-SX-IFAYMY	PVS-175-TL2-WB-SX-IFAYMYN
PVS-175-TL1-WB-SX-IFAYNSY	PVS-175-TL2-WB-SX-IFAYNSN
PVS-175-TL1-WB-SX-IFAYNMY	PVS-175-TL2-WB-SX-IFAYNMN
PVS-175-TL1-WB-SX-IFANYSY	PVS-175-TL2-WB-SX-IFANYSN
PVS-175-TL1-WB-SX-IFANYMY	PVS-175-TL2-WB-SX-IFANYMN
PVS-175-TL1-WB-SX-IFANNSY	PVS-175-TL2-WB-SX-IFANNSN
PVS-175-TL1-WB-SX-IFANNMY	PVS-175-TL2-WB-SX-IFANNMN
PVS-175-TL1-WB-SX2-IFAYYSY	PVS-175-TL2-WB-SX2-IFAYYSN
PVS-175-TL1-WB-SX2-IFAYMY	PVS-175-TL2-WB-SX2-IFAYMYN
PVS-175-TL1-WB-SX2-IFAYNSY	PVS-175-TL2-WB-SX2-IFAYNSN
PVS-175-TL1-WB-SX2-IFAYNMY	PVS-175-TL2-WB-SX2-IFAYNMN
PVS-175-TL1-WB-SX2-IFANYSY	PVS-175-TL2-WB-SX2-IFANYSN
PVS-175-TL1-WB-SX2-IFANYMY	PVS-175-TL2-WB-SX2-IFANYMN
PVS-175-TL1-WB-SX2-IFANNSY	PVS-175-TL2-WB-SX2-IFANNSN
PVS-175-TL1-WB-SX2-IFANNMY	PVS-175-TL2-WB-SX2-IFANNMN

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