

Certificate Number: AZ 69025056

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV025056E

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:

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 or ABB

Model Number:

PVS-10-TL-SX , PVS-10-TL-SY ,
PVS-12.5-TL-SX , PVS-12.5-TL-SY ,
PVS-15-TL-SX , PVS-15-TL-SY

Ratings:

(Ratings refer to CONTINUATION SHEET 1 - 4)

Standard:

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

Issue Date:

01/07/2021

Expiry Date:

01/07/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



Acc. No. Z2870404AA
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Certificate Number: AZ 69025056

Page: 0002



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Input:

VDC max: 1100V, Rated DC input voltage: 620V,

Operating DC input voltage range: 200- 1000V,

MPPT input DC voltage: range: 460-850V

Maximum input short circuit current for each MPPT: 30A,

Output:

Output voltage: 380 - 400V, 3 phase, 3W+PE, 4W+PE, 50/60 Hz

Power factor: >0.995(adjustable 0.8...1 inductive /capacitive)

Class I, IP65, PD 3 (reduced to 2 within enclosure),

Operating Temp.: -25°C to 60°C (>45°C derating),

Overvoltage category (OVC): II for PV side, III for mains side

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Page: 0003



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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models PVS-10-TL-SX, PVS-10-TL-SY:

Input:

IDC max: 2 x 17Ad.c.,

Rated DC input power: 10200W

Output:

Rated AC Power: 10000W @cos ϕ =1,

IAC max./rated: : 16A

Maximum / rated Apparent Power: 10000VA,

Max. AC Output power: 10000W @ cos ϕ = 1,

Maximum external AC overcurrent protection: 25A

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Certificate Number: AZ 69025056

Page: 0004



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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

For models PVS-12.5-TL-SX, PVS-12.5-TL-SY:

Input:

IDC max: 2 x 18Ad.c.,

Rated DC input power: 12760W

Output:

Rated AC Power: 12500W @cos ϕ =1,

IAC max./rated: 20A.

Maximum/rated Apparent Power: 12500VA,

Max. AC Output power: 12500W @ cos ϕ = 1,

Maximum external AC overcurrent protection: 32A

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Page: 0005



CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Ratings:

For models PVS-15-TL-SX, PVS-15-TL-SY:

Input:

IDC max: 2 x 22Ad.c.,

Rated DC input power: 15300W

Output:

Rated AC Power: 15000W @cos ϕ =1,

IAC max./rated: : 23 A

Max. AC Output power: 15000W @ cos ϕ = 1,

Maximum/rated Apparent Power: 15000VA,

Maximum external AC overcurrent protection: 32A

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