

Certificate Number: AZ 69023049

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV023049E

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: Power - One Italy S.p.A.
Via S. Giorgio, 642
52028 Terranuova Bracciolini, Arezzo,
Italy

DESCRIPTION OF EQUIPMENT

Declared class: Non-declared

Product: Solar grid-tied inverter

Trade Name / Manufacturer: ABB / POWER – ONE ITALY S.p.A.

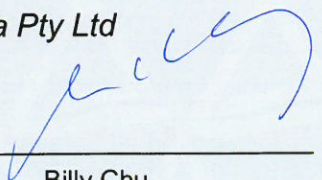
Model Number: PVS-50-TL, PVS-50-TL-S, PVS-50-TL-SX, PVS-50-TL-SX2.

Ratings: Rated Output: 400 V, 50 Hz, Rated Output Power: 50kW, Three-phase, Class I, IP65, -25 to 60°C, (> 45°C derating). (Further Ratings refer to CONTINUATION SHEET 1).

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

Issue Date: 27/12/2018
Expiry Date: 27/12/2023

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


Billy Chu



Acc. No. Z2870404AA
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Rating data:

Absolute maximum DC input voltage: 1000 V;

MPP Voltage Range: 480-800 V;

Overtoltage category: Mains - OVC III, PV -OVCII;

Power Factor $\cos \varphi$: 0 to 1 Inductive/Capacitive.

Models PVS-50-TL and PVS-50-TL-S:

Number of independent MPPT: 1;

Max. Input Current: 108 A;

Input short Circuit current: 165 A.

Models PVS-50-TL-SX and PVS-50-TL-SX2:

Number of independent MPPT: 3;

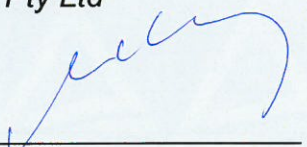
Max. Input Current: 3 x 36 A;

Input short Circuit current: 3 x 55 A.

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