

CERTIFICATE OF SUITABILITY

Authorised marking: TUV023412E

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: Photovoltaic Grid-tied Inverter (Three-phase)

Trade Name / Manufacturer: Power-One Italy S.p.A.

Model Number: TRIO-8.5-TL-OUTD-S-400, TRIO-7.5-TL-OUTD-S-400,
TRIO-5.8-TL-OUTD-S-400, TRIO-5.0-TL-OUTD-S-400,
TRIO-8.5-TL-OUTD-400, TRIO-7.5-TL-OUTD-400,
TRIO-5.8-TL-OUTD-400, TRIO-5.0-TL-OUTD-400.

Ratings: (Ratings info refer to CONTINUATION SHEET 1 - 2)
Remarks: Alternative Authorised Marking "TUV016988E"
is applicable to above mentioned models.

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

Issue Date: 07/05/2019

Expiry Date: 07/05/2024

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Billy Chu



Acc. No. Z2870404AA
www.jas-anz.org/register

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings for all models:

Voltage DC max. : 1000 V;

Voltage DC MPP : 200-950 V;

Voltage DC MPP (full power) : 320-800 V;

Voltage AC nom. : 400 3Ø;

Frequency nom. : 50Hz;

Power factor range : > 0,995 (adj. ±0,8);

Operating temperature range : -25°C to +60°C;

Protection class : IP65;

Class of equipment : Class I.

Ratings for TRIO-8.5-TL-OUTD-S-400, TRIO-8.5-TL-OUTD-400:

Current DC max. : 2 x 15 A (Isc 20 A);

Number of MPPT : 2;

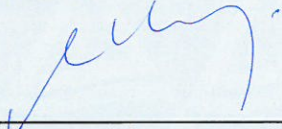
Power AC nom. : 8500 W @ 50°C;

IAC max (A) : 14.5.

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings for TRIO-7.5-TL-OUTD-S-400, TRIO-7.5-TL-OUTD-400:

Current DC max. : 2 x 15 A (Isc 20 A);

Number of MPPT : 2;

Power AC nom. : 7500 W @ 50°C;

IAC max (A) : 12.5.

Ratings for TRIO-5.8-TL-OUTD-S-400, TRIO-5.8-TL-OUTD-400:

Current DC max. : 18.9 A (Isc 24 A);

Number of MPPT : 1;

Power AC nom. : 5800 W @ 50°C;

IAC max (A) : 10.

Ratings for TRIO-5.0-TL-OUTD-S-400, TRIO-5.0-TL-OUTD-400:

Current DC max. : 2 x 15 A (Isc 20 A);

Number of MPPT : 2;

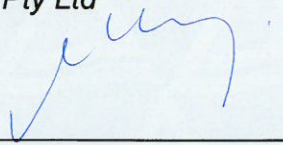
Power AC nom. : 5000 W @ 50°C;

IAC max (A) : 8.

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