

CERTIFICATE OF SUITABILITY

Authorised marking: TUV021924E

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: UNO-DM-6.0-TL-PLUS-XYK-JVN
(Complete list of products refer to CONTINUATION SHEET 1-2).

Ratings: Rated Output: 230 V, 50Hz, Single-phase, Class I,
IP65, -25°C to +60°C.
(Ratings info refer to CONTINUATION SHEET 1-2).

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

Issue Date: 19/06/2017

Expiry Date: 19/06/2022

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

Ratings:

Rated Output: 230V, 50Hz, Single-phase, Class I, IP65,
-25°C to +60°C;

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

Nominal power factor > 0.995

(adjustable 0.1 - 1 inductive / capacitive);

Absolute maximum DC input voltage (V_{max,abs}): 600V;

Number of independent MPPT: 2.

UNO-DM-6.0-TL-PLUS-XYK-JVN where:

XYK can assume a combination of the following variants:

X - can be blank; or

S - when the unit is natively equipped with a DC switch.

Y can be blank; or

B - when the unit is natively equipped with the optionally
assembled accessory board namely ZGN.V2P54 (WLAN BOARD); or

E - when the unit is natively equipped with the optionally
assembled accessory boards namely:

ZGN.V2P54 (WLAN BOARD) and ZGN.V2P57 (UNO-DM-PLUS Ethernet
COM KIT).

K - can only be blank.

(Model no. & Ratings refer to CONTINUATION SHEET 2).

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

UNO-DM-6.0-TL-PLUS-XYK-JVN where:

JVN can assume a combination of the following variants:

J - can be blank; or

X - when the unit is natively equipped with the optionally assembled accessory board namely ZGN.V2P05 (UNO-DM-COM KIT).

V - can be blank; or

G - with a cable gland instead of pluggable AC connector for AC side input access.

N can only be blank.

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