Certificate

TÜVRheinland®

Registration No.: AK 60136018 0001 Page 1/2 **Report No.: 28112313 004**

License Holder:

Power-One Italy S.p.A
Via S. Giorgio, 642 –
52028 Terranuova Bracciolini (AR)
Italy

Manufacturing Plant(s) *:

Power-One Italy S.p.A
Via S. Giorgio, 642 –
52028 Terranuova Bracciolini (AR)
Italy

Product:
Solar Grid Tied Inverter

Trademark:
ABB

Model:

UNO-DM-X.X-TL-PLUS-XYK-JVN-DIP

where:

X.X = 1.2; 2.0; 3.0; 3.3; 4.0; 4.6; 5.0; 6.0

XYK = X:or blank or "S" (DC Switch)
Y:or blank or "B" (WLAN comm.)
or "E"(WLAN comm./Ethernet board) and "K": blank

JVN = J:or blank or "X"(with UNO-DM-COM KIT)
V:or blank or "G"(with cable glander) and "N": blank

DIP = D: blank or Q (no Display)
I: Blank or U (Unbalanced Channel)
P: Blank

Basis:

☒ **CEI 0-21: 2016-07 + V1:2017**
"Rules for the connection to the LV electrical Utilities

☒ **Factory Inspection ****
To document the consistent quality of the product factory inspection are performed periodically.

Remarks:

* The SUB-Manufacturing plants are under a periodic factory surveillance programme which is documented in inspection report.
** The report of the factory inspection includes the requirements of GSE applicative rules.
In detail: visit has been performed to each factory and inspection of manufacturing process and components' check have been performed in order to guarantee a constant quality level as used for type test for compliance to CEI 0-21, for LV connection.
Components' check has been based on the list of critical components indicated in the test report issued for type test for compliance to CEI EN 62109-1 (test report issued by an accredited testing Laboratory recognized under ILAC agreement).

Certification Body

17.01.2019

M. Piva

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg
Contact: + 49 221 806 2477 email: service@de.tuv.com

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OGGETTO: Dichiarazione di conformità alla normativa CEI 0-21:2016-07
"Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica"
***SUBJECT**: Declaration of Conformity to CEI 0-21:2016-07*
"Reference technical rules for the connection of active and passive users to the LV electrical Utilities"

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TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE:
TYPE OF APPARATUS WHICH THE DECLARATION IS REFERRED TO:

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotating Device
☒	☒	☒	☐

Costruttore *Manufacturer*	Power-One Italy S.p.A. Via S. Giorgio, 642 – 52028 Terranuova Bracciolini (AR) - Italy
Modello/Tipo *ModelType*	**UNO-DM-X.X-TL-PLUS-XYK-JVN-DIP** where: X.X = 1.2; 2.0; 3.0; 3.3; 4.0; 4.6; 5.0; 6.0 XYK = X:or blank or "S" (DC Switch) Y:or blank or "B" (WLAN comm.) or "E"(WLAN comm./Ethernet board) and "K": blank JVN = J:or blank or "X"(with UNO-DM-COM KIT) V:or blank or "G"(with cable glander) and "N": blank DIP = D: blank or Q (no Display) I: Blank or U (Unbalanced Channel) P: Blank
Potenza Attiva Nominale *Nominal Power*	<6000 W
Max. Potenza Apparente *Maximum Apparent Power*	<6650 VA
Firmware release	Firmware Update Version not less than: 1720B for model 6.0 or 1709C for models 5.0 and lower
Numero di Fasi *Number of Phases*	Monofase / Single phase
Note/*Remarks*	Il dispositivo è in grado di limitare la Idc allo 0,5% della corrente nominale. *The device is capable to limit the Idc to 0,5 % of the nominal current*
Laboratorio di Prova *Test Laboratory*	TÜV Rheinland Italia S.r.l.

Esaminati i Fascicoli Prove N.: 28112313 004 emesso da TÜV Rheinland Italia S.r.l. (Accreditamento ACCREDIA N. 1356)

Having assessed the Test Files N.: 28112313 004 issued by TÜV Rheinland Italia S.r.l. (ACCREDIA Accreditation N. 1356)

si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2016-07 "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica".
we declare that the products indicated meet the requirements laid down by CEI 0-21:2016-07"Reference technical rules for the connection of active and passive users to the LV electrical Utilities".

Validità della Dichiarazione Validity of the Declaration	Questa Dichiarazione è valida per i prodotti indicati, così come descritti nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, così come modifiche ai prodotti, possono implicare nuove verifiche e certificazioni. *This Declaration is valid only for the products indicated herein, as described in the Files mentioned. New requirements or amendment to existing ones, or modifications to the product, may imply re-verification and re-certification.*

Date: 17.01.2019

Certification Body

Signature :

M. Piva

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle

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