

Certificate



Registration No.: AK 60142639 0001 Page 1

Report No.: 28111159 029

License Holder:

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

Product:

Solar Grid Tied Inverter

Trademark:

ABB

Manufacturing Plant(s) *:

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

Model:

PVS-100-TL

Basis:

☒ **CEI 0-21: 2019-04**
"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).

05.09.2019

Certification Body



Marco Piva

OGGETTO: Dichiarazione di conformità alla normativa CEI 0-21:2019-04
"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 0-21:2019-04

"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
Model/Type

PVS-100-TL

Potenza Attiva Nominale
Nominal Power

100'000 W

Max. Potenza Apparente
Maximum Apparent Power

100'000 VA

Firmware release

Firmware Update Version not less than: 1929B

Numero di Fasi
Number of Phases

Trifase / Three-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.:

28111159 029 emesso da TÜV Rheinland Italia S.r.l. (Accreditamento ACCREDIA N. 1356)

Having assessed the Test Files N.:

28111159 029 issued by TÜV Rheinland Italia S.r.l. (ACCREDIA Accreditation N. 1356)

si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2019-04 "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 0-21:2019-04

"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: 05.09.2019

Certification Body

Signature :

Marco Piva



TÜV Rheinland LGA Products GmbH – Tillystraße 2 – 90431 Nürnberg