

**C E R T I F I C A T E**  
of Conformity



Registration No.: AK 50416360 0001

Report No.: 50073965 002

Holder: **IMEON ENERGY**  
**10 RUE AMIRAL ROMAIN DESFOSSE 29200**  
**BREST**  
France

Product: PV-Inverter  
(SMART PV INVERTER)

Identification:

Type Designation	: IMEON 9.12
Serial Number	: 96161506100074
Firmware Version	: DSP: 912-100163-15A MCU: 912-100316-15A
Remark	: Refer to test report 50073965 002 for details.

Tested acc. to: CEI 0-21:2016  
CEI 0-21:2016+V1

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.



Date 22.08.2018

\_\_\_\_\_  
Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

**OGGETTO:** Dichiarazione di conformità aila normative CEI 0-21:2016-07+V1:2017-07

"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+V1:2017-07

"Reference technical rules for the connection of active and passive users to the LV electrical Utilities"

## Certificate No.: AK 50416360 0001

Page 1/2

**TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE:**  
TYPE OF APPARATUS WHICH THE DECLARATION IS REFERED 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
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Costruttore**  
*Manufacturer*

IMEON ENERGY  
10 RUE AMIRAL ROMAIN DESFOSES 29200 BREST FRANCE

**Modello/Tipo**  
*Model/Type*

Potenza Attiva Nominata ( $P_{NINV}$ )  
*Nominal Power*  
[kW]

Max. Potenza Apparente ( $S_{MAX}$ )  
*Maximum Apparent Power*  
[kVA]

IMEON 9.12

9,00

9,00

**Lihum iron phosphate**

(Brand: Freedom WON, model: Home 5/4)

Capacity of the storage system (CUS)  
[Ah]  
100

The battery type testing with a model: Home 5/4, are valid for models: Home 10/7, Home 15/11, Home 20/14, Home 30/21, Home 40/28, Home 60/42, Home 80/56, and the battery models just with different storage capacities.

<sup>(\*)</sup> The inverter have a PV input and AC output with the batteries system and it's compliant to Annex A and Bbis of standard CEI 0-21

**Firmware release**  
*Firmware*

DSP: 912-100163-15A  
MCU: 912-100316-15A

**Numero di Fasi**  
*Number of phases*

Tre fasi / Triple-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 (Shanghai) Co., Ltd.  
Accreditation CNAS no. L3038



# Certificate No.: AK 50416360 0001

Page 2/2

Esaminati I Fascicoli Prove N.: 50073965 002 emesso da TÜV Rheinland (Shanghai) S.r.l.  
*Having assessed the Test Files N. 50073965 002 issued by TÜV Rheinland (Shanghai) Co., Ltd.*

Si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2016-07+V1:2017-07 "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+V1:2017-07 "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 indicate, così come descritt nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, così come modifiche al prodotto, 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: 22.08.2018



Signature :

  
Weichun Li