

Certificate



Registration No.: AK 60125281 0002 Page 1/2

Report No.: 28110406 004

License Holder:

FRONIUS International GmbH
Guenter Fronius-Strasse 1
4600 Thalheim bei Wels
Austria

Product:

Grid Tied Inverter with storage system

Trademark:

FRONIUS

Manufacturing Plant(s):

FRONIUS International GmbH
Fronius Strasse 5
4642 Sattledt
Austria

Model:

Fronius Symo Hybrid 5.0-3-S

Fronius Symo Hybrid 4.0-3-S

Fronius Symo Hybrid 3.0-3-S

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 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 and CEI EN 62109-2 (test report issued by an accredited testing Laboratory recognized under ILAC agreement).

21.12.2017

Certification Body

A handwritten signature in blue ink, appearing to read 'M. Piva'.

M. Piva



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

OGGETTO: Dichiarazione di conformità alla normativa 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 60125281 0002

Page 2/2

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
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Costruttore
Manufacturer **FRONIUS International GmbH**
 Guenter Fronius-Strasse1 4600 Thalheim bei Wels – Austria

Modello/Tipo <i>Model/Type</i>	Potenza Attiva Nominale @cosφ:0.9 (P _{NINV}) <i>Nominal Power</i> [W]	Max. Potenza Apparente (S _{MAX}) <i>Maximum Apparent Power</i> [VA]
Fronius Symo Hybrid 3.0-3-S	2700	3000
Fronius Symo Hybrid 4.0-3-S	3600	4000
Fronius Symo Hybrid 5.0-3-S	4500	5000

Firmware release Display Software: V 0.3.13.4; Powerstage: V 0.25.7.0; Filter: V 0.9.12.1

Numero di Fasi
Number of Phases Trifase / Three-phase

Note
Remarks Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale.
The device is capable to limit the I_{dc} to 0,5 % of the nominal current

Laboratorio di Prova
Test Laboratory TÜV Rheinland Italia S.r.l. (Accreditamento ACCREDIA N. 1356)

Esaminati i Fascicoli Prove N./ *Having assessed the Test Files N.:*
 28110406 001 /004 emesso da TÜV Rheinland Italia S.r.l. / *28110406 001 / 004 issued by TÜV Rheinland Italia S.r.l*

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 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: 21.12.2017

Signature :
 M. Piva

Certification Body

TÜV Rheinland LGA Products GmbH – Tillystraße 2 – 90431 Nürnberg