

Factory Inspection Certificate



Registration No.: AK60176589 0001

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Report No.: IT24EI6S 001

License Holder:

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

Product: Photovoltaic grid tied Inverter

Trademark: FRONIUS

Manufacturing Plant(s):

FRONIUS International GmbH
Fronius Strasse 5
4642 Sattledt
Austria

Model ⁽¹⁾:
Fronius IG
Fronius IG TL
Fronius IG Plus V
Fronius CL
Fronius Agilo
Fronius Galvo
Fronius Symo
Fronius Symo Advanced
Fronius Primo
Fronius Eco
Fronius Symo Hybrid
Fronius Symo GEN24
Fronius Primo GEN24
Fronius TAURO ECO
Fronius TAURO
Fronius Verto

These products are manufactured in the above mentioned manufacturing plant, which is located in the European Union. The manufacturing plant is under a periodic factory surveillance programme which is documented in inspection report.

The following main production steps are taking place in the above listed plant:

- project
- assemblage
- measuring and testing

Remarks:

(1) Extended list of models can be found in the Annex of Factory Inspection Certificate (2 pages)

** The report of the factory inspection includes the requirements of GSE applicative rules about the manufacturing quality process and used materials. **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 and CEI 0-16 (or annex A70) for MV/HV connection.

*** **Factory Inspection has been based on a detailed description of inverter's manufacturing process** and components supplied by Licence Holder to TÜV Rheinland Group (as permitted by Delibera AEEG n. 84/2012/R/EEL and GSE's documents related to 4th and 5th conto energia).

Date: 16/05/2024

Certification Body



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

Annex to Factory inspection Certificate

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Extended list of models of Photovoltaic grid tied Inverter and hybrid grid tied inverter:

FRONIUS IG TL:

Fronius IG TL 3.0; Fronius IG TL 3.6; Fronius IG TL 4.0; Fronius IG TL 5.0; Fronius IG TL 4.6

FRONIUS IG:

Fronius IG 15; Fronius IG 20; Fronius IG 30; Fronius IG 40; Fronius IG 60HV; Fronius IG 400; Fronius IG 500

FRONIUS IG PLUS V:

Fronius IG Plus 150V-3; Fronius IG Plus 120V-3; Fronius IG Plus 100V-3; Fronius IG Plus 80V-3
Fronius IG Plus 60V-3; Fronius IG Plus 55V-3
Fronius IG Plus 100V-2; Fronius IG Plus 70V-2; Fronius IG Plus 60V-2; Fronius IG Plus 55V-2
Fronius IG Plus 100V-1; Fronius IG Plus 70V-1; Fronius IG Plus 60V-1; Fronius IG Plus 55V-1; Fronius IG Plus 50V-1
Fronius IG Plus 35V-1; Fronius IG Plus 30V-1; Fronius IG Plus 25V-1

FRONIUS CL:

Fronius CL 60.0; Fronius CL 48.0; Fronius CL 36.0

FRONIUS AGILO:

Fronius Agilo 100.0-3; Fronius Agilo 75.0-3; Fronius Agilo 100.0-3 Outdoor; Fronius Agilo 75.0-3 Outdoor

FRONIUS GALVO:

Fronius Galvo 3.1-1; Fronius Galvo 3.0-1; Fronius Galvo 2.5-1; Fronius Galvo 2.0-1; Fronius Galvo 1.5-1

FRONIUS SYMO:

Fronius Symo 4.5-3-S; Fronius Symo 3.7-3-S; Fronius Symo 3.0-3-S
Fronius Symo 8.2-3-M; Fronius Symo 8.0-3-M; Fronius Symo 7.0-3-M; Fronius Symo 6.7-3-M; Fronius Symo 6.0-3-M
Fronius Symo 5.5-3-M; Fronius Symo 5.0-3-M; Fronius Symo 4.5-3-M; Fronius Symo 3.7-3-M; Fronius Symo 3.0-3-M
Fronius Symo 20.0-3-M; Fronius Symo 17.5-3-M; Fronius Symo 15.0-3-M; Fronius Symo 12.5-3-M;
Fronius Symo 10.0-3-M
Fronius Symo Advanced 20.0-3-M; Fronius Symo Advanced 17.5-3-M; Fronius Symo Advanced 15.0-3-M; Fronius Symo
Advanced 12.5-3-M; Fronius Symo Advanced 10.0-3-M

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Certification Body

TÜV Rheinland
Marco Piva
Zertifizierungsstelle

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Extended list of models of Photovoltaic grid tied Inverter and hybrid grid tied inverter:

FRONIUS PRIMO:

Fronius Primo 3.0-1; Fronius Primo 3.5-1; Fronius Primo 3.6-1; Fronius Primo 4.0-1; Fronius Primo 4.6-1
Fronius Primo 5.0-1, Fronius Primo 5.0-1 AUS, Fronius Primo 5.0-1 SC, Fronius Primo 6.0-1, Fronius Primo 8.2-1

FRONIUS ECO:

Fronius ECO 25.0-3-S; Fronius ECO 27.0-3-S

FRONIUS SYMO HYBRID:

Fronius Symo Hybrid 3.0-3-S; Fronius Symo Hybrid 4.0-3-S; Fronius Symo Hybrid 5.0-3-S

FRONIUS Symo GEN24

Symo GEN24 10.0 / Plus / Lite ; Symo GEN24 9.0 / Plus/ Lite ; Symo GEN24 8.0 / Plus/ Lite
Symo GEN24 7.0 / Plus/ Lite ; Symo GEN24 6.0 / Plus/ Lite

Symo GEN24 5.0 / Plus/ Lite; Symo GEN24 4.0 / Plus/ Lite; Symo GEN24 3.0 / Plus/ Lite

FRONIUS Primo GEN24

Primo GEN24 10.0 / Plus / Lite ; Primo GEN24 8.0 / Plus / Lite

Primo GEN24 6.0 / Plus / Lite ; Primo GEN24 5.0 / Plus / Lite ; Primo GEN24 4.6 / Plus / Lite
Primo GEN24 4.0 / Plus / Lite ; Primo GEN24 3.6 / Plus / Lite ; Primo GEN24 3.0 / Plus / Lite

FRONIUS TAURO ECO

Tauro Eco 50-3-P; Tauro Eco 50-3-D; Tauro Eco 99-3-P; Tauro Eco 99-3-D; Tauro Eco 100-3-P; Tauro Eco 100-3-D

Tauro Eco 50-3-D 208-220; Tauro Eco 50-3-P 208-220

FRONIUS TAURO

Tauro 50-3-D; Tauro 50-3-P

FRONIUS VERTO

Verto 25.0 SPD 1+2; Verto 25.0 SPD 2; Verto 27.0 SPD 1+2; Verto 27.0 SPD 2; Verto 30.0 SPD 1+2; Verto 30.0 SPD 2; Verto 33.3 SPD 1+2; Verto 33.3 SPD 2; Verto 15.0 208-240 SPD 1+2; Verto 15.0 208-240 SPD 2; Verto 18.0 208-240 SPD 1+2; Verto 18.0 208-240 SPD 2; Verto 36.0 480 SPD 1+2; Verto 36.0 480 SPD 2;
Verto 15.0 SPD 1+2; Verto 15.0 SPD 2; Verto 17.5 SPD 1+2; Verto 17.5 SPD 2; Verto 20.0 SPD 1+2; Verto 20.0 SPD 2; Verto 22.0 SPD 1+2; Verto 22.0 SPD 2; Verto 24.0 SPD 1+2; Verto 24.0 SPD 2; Verto 25.0 480 SPD 1+2; Verto 25.0 480 SPD 2; Verto 26.0 480 SPD 1+2; Verto 26.0 480 SPD 2; Verto 10.0 208-240 SPD 1+2; Verto 10.0 208-240 SPD 2; Verto 12.5 208-240 SPD 1+2; Verto 12.5 208-240 SPD 2; Verto 13.0 208-240 SPD 1+2; Verto 13.0 208-240 SPD 2

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