

Certificate of Conformity

No. ESY 002360 0010 Rev. 00

Holder of Certificate: **Fronius International GmbH**

Fronius Straße 1
4643 Pettenbach
AUSTRIA

Product: **PV inverter**

Model(s):

Argeno 125
Argeno 125 EXC.
Argeno 125 AFCI
Argeno 125 AFCI EXC.
Argeno 125 FR
Argeno 125 FR EXC.
Argeno 125 UA
Argeno 125 UA EXC.

Parameters: see next pages

Applicable standards: CEI 0-16:2022/V3:2024

This Certificate of Conformity confirms the compliance with the above listed standards on a voluntary basis. It refers only to the sample submitted to TÜV SÜD Product Service GmbH and does not certify the quality or safety of the serial products. It was issued according to TÜV SÜD Product Service certification program Photovoltaics and Grid Integration. For details see: www.tuvsud.com/ps-cert

Test report no.: 713342036-14

Date, 2025-02-27



(Kristijan Cizmar)

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Section A	The following generators comply with the requirements of the CEI 0-16:2022/V3:2024		
	Manufacturer	Fronius International GmbH Froniusstraße 1 4643 Pettenbach, Austria	
	Equipment type	PV inverter	
	Brand	Argeno	
	Number of phases	☒ Three-phase with neutral	☒ Three-phase without neutral
		Frequency: 50 Hz	Voltage: 3/N/PE~, 230/400 V
	Primary energy used	☒ Solar	☐ Storage
		☐ Wind	☐ Hydroelectric
		☐ CHP	☐ Other:
	Generator model	Argeno 125 Argeno 125 EXC. Argeno 125 AFCI Argeno 125 AFCI EXC. Argeno 125 FR Argeno 125 FR EXC. Argeno 125 UA Argeno 125 UA EXC.	
Rated power	125 kW		
The generator:	☒ Is suitable for installation in systems with a capacity less than or equal to 400 kW.		
	☒ Is suitable for installation in systems with an output of more than 400 kW		
Section B	Characteristics of the static converter		
	Model of the static converter	Argeno 125 Argeno 125 EXC. Argeno 125 AFCI Argeno 125 AFCI EXC. Argeno 125 FR Argeno 125 FR EXC. Argeno 125 UA Argeno 125 UA EXC.	
	Manufacturer of the static converter	Fronius International GmbH	

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	Firmware version	AC-DSP1: V1.11 (28B8) and higher
	Nominal power of the converter (P_{NINV})	125 kW / 125 kVA
Section H	References of the laboratories that conducted the tests and their respective test reports (RdP)	
	Chosen method	☒ Tests conducted by an accredited laboratory
	Test reports (RdP)	713342036-14
	Issued by	Testing lab: TÜV SÜD Product Service GmbH Ridlerstraße 65 80339 Munich, Germany
	Accreditation number	D-PL-11321-15-00
Section L	Accreditation body reference	DAkkS
	Date, signature, and references of the certification body	
	Certification Body	TÜV SÜD Product Service GmbH DAkkS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013

General product information:

The PCE is a photovoltaic inverter without galvanic separation converting DC voltage in AC voltage. The input is connected via solar-connectors and provides 10 MPP-trackers whereas two of them can be connected. The PV-disconnector is integral part of the PCE.

- The model Argeno 125 provide pluggable SPDs at the AC and DC inputs.
- The model Argeno 125 AFCI provide pluggable SPDs and include an arc fault detection according to IEC 63027:2023.
- The model Argeno 125 FR include pluggable SPDs and additional insulation foils in the DC area. In addition, this variant uses a Ph-N measurement. An N conductor is a mandatory requirement for this device.
- The model Argeno 125 UA is identical to the model Argeno 125, except for the type plate in Cyrillic
- The models with the suffix EXC. are exchange devices (pool devices) for servicing. These are identical to the corresponding variants without this suffix.

The mains is connected via bus-bars and provides an integral disconnection according IEC 62109-2 Ed 1.0.

The internal switches can be controlled via an interface from the external interface protection. In this case, a delay time of <3 ms was determined.