



FRONIUS SNAPINVERTER LINE

/ Solutions for every system size.



PERFORMANCE DATA	FRONIUS GALVO	FRONIUS PRIMO	FRONIUS SYMO
Description	The single-phase inverter solution for small residential solar PV systems.	The compact, intelligent inverter for residential and commercial solar PV systems.	Maximum flexibility for the commercial applications of tomorrow.
Output power	1.5 - 3.1 kW	3.8 - 15 kW	10.0 - 24.0 kW
Power classes (kW)	1.5 / 2.0 / 2.5 / 3.1	3.8 / 5.0 / 6.0 / 7.6 / 8.2 / 10.0 / 11.4 / 12.5 / 15.0	10.0 / 12.0 / 12.5 / 15.0 / 17.5 / 20.0 / 22.7 / 24.0
Technology	Transformer	Transformerless	Transformerless
Number of phases	1	1	3
AC output voltage	208 / 240 V	208 / 240 V	208/240 & 480 V
Max. input voltage	420 V / 550 V	600 V / 1,000 V	600 V / 1,000 V
DC start up voltage	140 V / 185 V	80 V	200 V
Number of MPPT trackers	1 MPPT	2 MPPT	2 MPPT
Optimized tracking algorithm	x	✓	✓
Max. efficiency	96.0 %	97.9 %	98.0 %
Degree of protection	NEMA 4X	NEMA 4X	NEMA 4X
Operating temperature	-40 to 50 C	-40 to 55 C	-40 to 60 C
Weight	max. 37 lbs	3.8 - 8.2 kW = max. 47 lbs 10.0 - 15 kW = max. 83 lbs	max. 96 lbs
Dimensions (H x W x D)	25 x 17 x 8 in.	3.8 - 8.2 kW = 25 x 17 x 8 in. 10.0 - 15.0 kW = 29 x 20 x 9 in	29 x 20 x 9 in.

INTEGRATED MONITORING	FRONIUS GALVO	FRONIUS PRIMO	FRONIUS SYMO
Arc Fault Circuit Interruption	✓	✓	✓
WLAN / Ethernet LAN	✓	✓	✓
Datalogger	✓	✓	✓
Webserver	✓	✓	✓
Fronius Solar.Web & Solar.Web app	✓	✓	✓
Fronius Solar Net (2 x RS 422 interface)	✓	✓	✓
USB port for inverter software updates	✓	✓	✓
SunSpec Modbus TCP / RTU	✓	✓	✓
Smart grid ready features	✓	✓	✓

FRONIUS COMMERCIAL SUPPORT:

/ We offer support services from project start to finish: partners in your success.

PROJECT PROPOSAL

/ Financing, site survey, engineering, approvals, purchasing

CONSTRUCTION

/ Project management, shipping, installation

COMMISSIONING

/ Operations & maintenance, servicing

FRONIUS BANKABILITY

- / Family-owned business
- / Low risk rating
- / Diversified company
- / International, with over 25 years' experience in solar energy
- / Local technical support, dedicated to Canadian market



FRONIUS PV SYSTEM DESIGN

- / Dual MPPT, 1,000 V DC input
- / Mount on any tilt angle, 0° to 90°
- / Unlimited DC conductor length for AFCI
- / Helpful Solar.Configurator tool calculates optimal string design



FRONIUS PRODUCT TRAINING

- / Monthly hands-on product trainings. Customizable webinars and lunch & learns upon request
- / Dedicated sales support team



FRONIUS LOGISTICS

- / Compact shipping, fit up to 240 kW on one pallet
- / On-time delivery across Canada
- / Canadian warehouse and stock



FRONIUS PRODUCTS

- / Full suite of string inverters for projects from 1.5 kW to multi-MW in size
- / Award-winning, innovative product design
- / Stringent quality testing
- / Operates at -40 C, rated NEMA 4X



FRONIUS TECHNICAL SUPPORT

- / In-house, local technical support
- / On-site support services available for a fee



FRONIUS RAPID INSTALLATION

- / Mounting and wiring in under 12 minutes thanks to the SnapINverter installation concept



FRONIUS MONITORING

- / Integrated Datamanager 2.0 hardware with Modbus capabilities
- / Three subscription-free monitoring software platforms
- / Offers real time overview of performance and error notifications
- / Revenue grade meter available



FRONIUS WARRANTY EXTENSION

- / Flexible warranty extensions with variable coverage options



FRONIUS FIELD SERVICEABILITY

- / Industry-leading service program designed to reduce maintenance costs
- / All inverters are field-serviceable. Device replacement can be completed in minutes
- / No re-wiring is required for inverter replacement



LEADING COMMERCIAL AND RESIDENTIAL SOLUTIONS

Fronius SnapINverters are designed with the PV system designer, installer and owner all in mind. Fronius string inverters offer important benefits that other inverters just can't deliver. Flexible system design accommodates tough site restrictions, while stunningly simple installation and low maintenance requirements means installers can complete their work more quickly. Most importantly, your customer will be satisfied with your recommendation of a tough, high performing inverter.

THE FRONIUS SNAPINVERTER ADVANTAGE



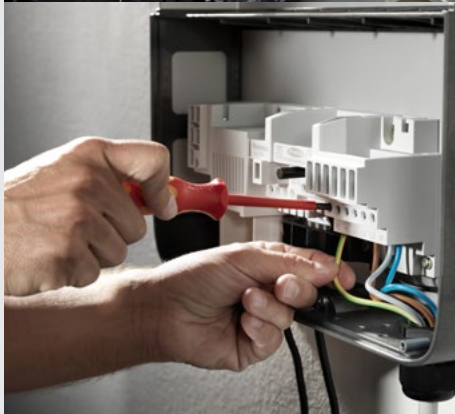
System design

- / Dual MPPT allows for designs with different angles, orientations and string lengths on each tracker
- / Wide voltage window and low 80 V start-up voltage ensures many design options
- / Match AC nameplates with off-the-shelf products
- / Can tackle any array size, from one to six strings



Performance

- / Rated NEMA 4X for use both indoors and out
- / Continuous performance in any weather thanks to active cooling
- / Operates down to -40 C, built to withstand ice and snow
- / Intelligent MPPT closely tracks a string's global power point for increased power generation
- / High performance efficiency rating



Installation and maintenance

- / Wiring and DC disconnect are integrated onto the mounting bracket. No electrician is required for mounting the SnapINverter
- / Simple firmware updates by USB stick
- / Board-level serviceability ensures superior uptime and production
- / Smart grid ready features allow utilities or system owners to remotely control the inverter and electricity generation
- / YouTube video tutorials for in-field instruction
- / Lightest inverters in their class, from 37 to 96 lbs
- / Flexible mounting options from 0° to 90° (horizontal to vertical)



Monitoring

- / Solar.web provides many detailed data analysis tools: compare projects, track output per MPPT, and receive alerts by email or text
- / Free monitoring and apps compatible with multiple platforms/devices
- / Wireless monitoring and Modbus capabilities integrated into Advanced SnapINverters
- / Wirelessly set up monitoring via smart device
- / Preferred by LDCs for smart grid readiness and simple SCADA integration