

/ Perfect Welding / Solar Energy / Perfect Charging



FRONIUS OH PILOT

Optimization of the consumption of the produced energy through intelligent regulation of heat sources

NOW HE COLLABORATES
Z FRONIUS ENERGY PACKAGE



Made
in Austria / EU



Fronius Ohmpilot is a regulator that controls receivers, designed to use excess solar energy to heat water. Thanks to the continuously adjustable power from 0 to 9 kW, excess PV energy can be used for highly efficient use and powering receivers in the household.

Ohmpilot is primarily used for intelligent control of heating elements to provide hot water in boilers and buffer tanks, but can also be used for infrared heaters or towel heaters. Solar energy can therefore provide a family home with an average level of water consumption for the majority of its hot water needs in the period from April to October. The result is maximum self-sufficiency, reduced household CO2 emissions and no need to run the building's main hot water system during the summer months.

TECHNICAL DATA

INPUT DATA	OHMPILOT 9.0-3	
Heater used Max input	1-phase	3-phase
current (Iac max)	1*16 A	3*16 A
Input Voltage	230 V	400 V
Frequency	50 Hz	

OUTPUT DATA	OHMPILOT 9.0-3	
Heater used Max output	1-phase	3-phase
power AC output current (Iac nom)	Continuously adjustable 3.0 kW	Continuously adjustable 9.0 kW
Output Voltage	230 V	400 V
Frequency	50 Hz	

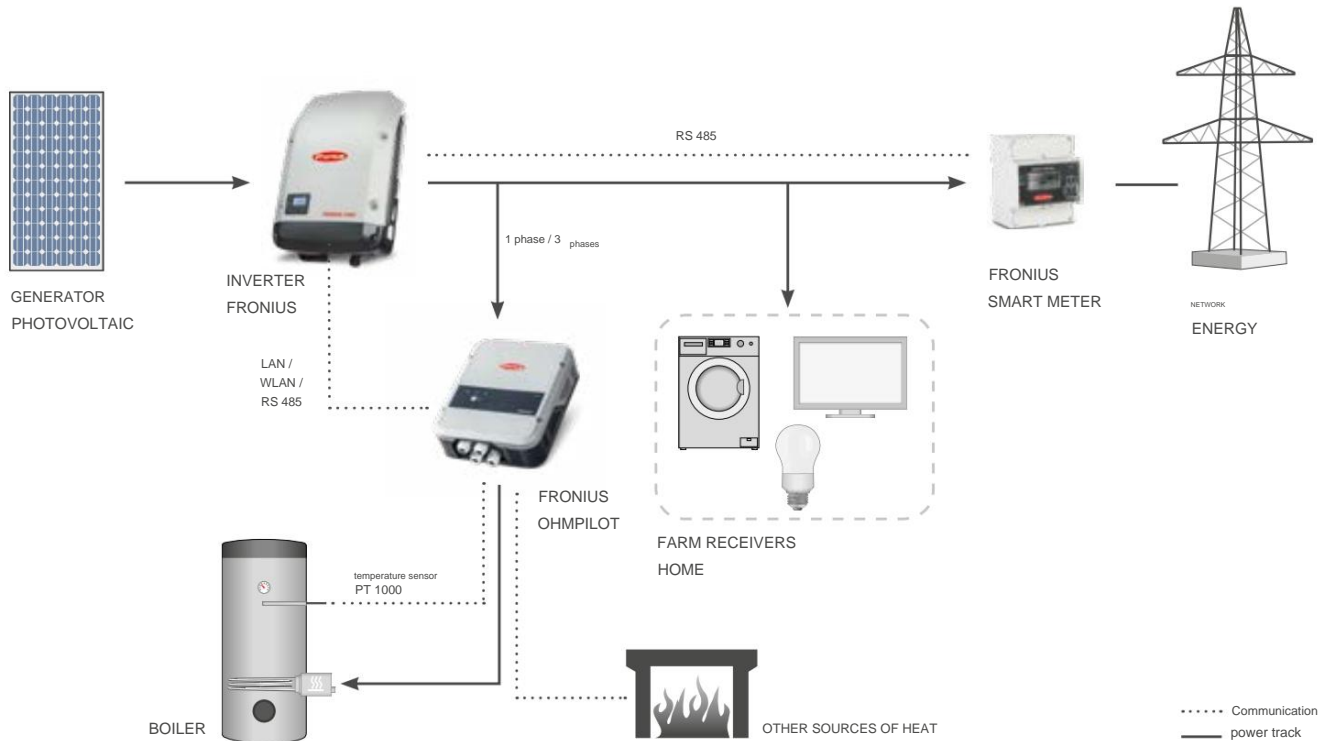
GENERAL INFORMATION	OHMPILOT 9.0-3	
Type of power regulation	Pulse Width Modulation (PWM)	
Dimensions (height x width x depth)	350 x 280 x 110 mm	
Libra	3.9 kg	
Level of security	IP54	
Installation	wall-mounted	
Ambient temperature range	0 - 40 °C	
Permissible humidity	0 - 99%, non-condensing	
Certifications and compliance with standards	CE, EN 61000-6-2, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 300 328	

ADVANTAGES

/ Continuously adjustable power from 0 to 9 kW
/ Extremely simple installation
/ Minimum temperature setting
/ Dynamic reduction of energy feed-in to the grid ÷ 50%
/ Works with the Fronius Energy Package

/ Coordination with other heat sources, e.g. water heaters / Combination with heat pumps
/ Legionella prevention system
/ Full compliance with EMC directives

WIRING DIAGRAM



The installation of the Fronius Ohmpilot is extremely easy thanks to the configuration via the dedicated website as well as the simple connection via WLAN. The Fronius Ohmpilot also protects the electrical installation with trouble-free and reliable commissioning of loads, leaving the installation fully adapted to the requirements of today and the future.

The Fronius Ohmpilot can be used with all Fronius inverters. Required for proper operation Fronius Datamanager 2.0 and the Fronius Smart Meter. Datamanager 2.0 is integrated as standard in the Fronius Symo, Fronius Symo Hybrid, Fronius Primo, Fronius Galvo and Fronius Eco inverters. Both the Datamanager 2.0 and the Fronius Smart Meter can be added to an existing PV system with a Fronius inverter at any time.

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THREE BUSINESS UNITS, ONE PASSION. TECHNOLOGY THAT SETS STANDARDS.

What began as a one-man operation in 1945 is today a company that sets new technological standards in the fields of welding, photovoltaics and battery charging. We employ nearly 4,550 people around the world, and our innovativeness is evidenced by the fact that we hold 1,241 patents. For us, sustainable development means that we treat environmental and social issues on an equal footing with economic indicators. Our motto has always been the same: we want to be a leader in innovation.

Further information on all Fronius products and our sales partners and representatives can be found at www.fronius.com

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