



Designed to move.



Fronius Wattpilot

Product advantages

- 01 Fill up on sunshine
- 02 The perfect match
- 03 Flexible and cost-effective charging
- 04 Driving free

Product advantages

01 Fill up on sunshine

It couldn't be any more efficient: The Fronius Wattpilot allows you to charge your electric car with your own solar power. The PV-optimized charging station automatically switches between one-phase and three-phase, ensuring efficient use of solar power at all times. As a result, PV surpluses of 1.38 to 11/22 kW are fully exploited by the Fronius Wattpilot. Even the smallest quantities are automatically used to charge your electric vehicle, meaning you get the maximum benefit from solar power at all times.

02 The perfect match

A perfectly coordinated complete system: The Fronius Wattpilot is perfectly compatible with PV systems and other Fronius products. This provides you with convenient access to intelligent energy management tailored specifically to your needs. Your data and information are clearly displayed in the Fronius Solar.web monitoring tool. This means you can continuously rely on the proven quality and dependable service offered by Fronius.

03 Flexible and cost-effective charging

Intelligent charging modes for maximum flexibility: Eco Mode enables highly economical and sustainable driving by combining charging with PV surplus and variable electricity tariffs. Next Trip Mode provides you with a cost-effective and reliable solution for supplying your electric car with the power to cover a certain distance and up to a specified time.

04 Driving free

Charging made easy: With the Fronius Wattpilot Go, you can charge your electric vehicle on the go, even if there are no charging stations available. Thanks to the CEE plug and optional adapter sets, the Fronius charging station can be connected to any socket. This way, you can achieve a higher charging capacity than with emergency charging cables while benefiting from the advantages of the Fronius Wattpilot on the go.



The Fronius Wattpilot is easily integrated in Solar.web, giving you a convenient overview of your entire energy usage.



Technical data

		Wattpilot 2.0								
		Go 11 J 2.0		Go 22 J 2.0		Home 11 J 2.0		Home 22 J 2.0		
		1-phase	3-phase	1-phase	3-phase	1-phase	3-phase	1-phase	3-phase	
Input data	Maximum charging power	kW	3,68	11	7,36	22	3,68	11	7,36	22
	Grid configurations		TT / TN / IT							
	Mains connection		CEE16 30 cm incl. neutral conductor		CEE32 30 cm incl. neutral conductor		5-pin cable 180 cm incl. neutral conductor		5-pin cable 180 cm incl. neutral conductor	
	Optional adapters		CEE32 (red) / CEE-Cara 16 A (camping plug blue) / safety plug 16A		CEE16 (red) / CEE-Cara 16A (camping plug blue) / safety plug 16 A					
			1-phase	3-phase	1-phase	3-phase	1-phase	3-phase	1-phase	3-phase
	Nominal voltage	V	230/240	400/415	230/240	400/415	230/240	400/415	230/240	400/415
	Nominal current (configurable)	A	6–16 A 1-phase or 3-phase		6–32 A 1-phase or 3-phase		6–16 A 1-phase or 3-phase		6–32 A 1-phase or 3-phase	
	Mains frequency	Hz	50		50		50		50	
	Charging socket		Infrastructure-side Type 2 socket with mechanical locking							
	Residual current device ¹		20 mA AC, 6 mA DC integrated in device							
Cable cross-section, supply line	mm ²	Minimum 2.5		Minimum 6		Minimum 2.5		Minimum 6		

General data	PV optimization ²		Dynamic PV surplus charging with 1.38–11 kW (at 230/400 V, automatic 1-/3-phase switching)	Dynamic PV surplus charging with 1.38–22 kW (at 230/400 V) (automatic 1-/3-phase switching)	Dynamic PV surplus charging with 1.38–11 kW (at 230/400 V, automatic 1-/3-phase switching)	Dynamic PV surplus charging with 1.38–22 kW (at 230/400 V) (automatic 1-/3-phase switching)
	Charging mode		Mode 2 as per IEC 61851-1 AC charging	Mode 2 as per IEC 61851-1 AC charging	Mode 3 as per IEC 61851-1 AC charging	Mode 3 as per IEC 61851-1 AC charging
	Network connection ³		WLAN 802.11 b/g/n			
	Authentication		RFID			
	Communication protocols		OCPP 1.6 J			
	Dynamic Load Balancing		Integrated (unlimited number of charging stations)			
	Usage ⁴		Indoors and outdoors			
	Type of installation		Suspended upright			
	Safety class		IP 65	IP 65	IP 65	IP 65
	Standards/Guidelines		EN IEC 61851-1 EN 62752 EN 62196	EN IEC 61851-1 EN 62752 EN 62197	EN IEC 61851-1 EN 62196	EN IEC 61851-1 EN 62197
	Dimensions (H x W x D)	mm	287 x 155 x 109			
	Weight	kg	1,6	1,8	1,8	2,3
	Average temperature over 24 h	°C	max. 35			
	Ambient Temperature ⁵	°C	-25 to +40 (without direct sunlight)			
	Humidity	%	5 - 95			
Altitude above sea level	m	0 - 2000				
Impact resistance		IK08				

¹ An additional residual current circuit breaker and an automatic circuit breaker must be connected upstream according to the applicable installation standard of the respective country.

² Additional components are required for PV-optimized charging. All details can be found in the operating instructions.

³ Supported safety standards: WEP, WPA, WPA2, WPA3

⁴ When installed outdoors, the Wattpilot must not be exposed to direct sunlight

⁵ Operation in temperatures in excess of 40 °C can result in reduced charging performance

A woman with dark hair, wearing a red blazer over a white shirt, is smiling as she charges an electric car. She is holding the charging cable of a dark-colored charging station. The car is partially visible on the left. The background shows a modern building with a wooden facade and some greenery under a clear sky.

Fill up on sunshine with the electric car charging station

Fronius Wattpilot allows you to harness the power of the sun to charge your electric car. The PV-optimized charging station uses your own generated solar energy with maximum efficiency. And thanks to intelligent charging modes, if there is no PV surplus available, it uses the cheapest electricity supply. Whether at home or on the road, the Home or Go versions of Fronius Wattpilot power your electric car anywhere at anytime. **This is e-mobility that drives us all forward. Fronius Wattpilot. Designed to move.**

For more information about the product, visit:

www.fronius.com/wattpilot

Fronius International GmbH
Froniusplatz 1
4600 Wels
Austria
pv-sales@fronius.com
www.fronius.com

Text and illustrations were accurate at the time of printing. Fronius reserves the right to make changes. All information published in this document, despite exercising the greatest of care in its preparation, is subject to change. No legal liability is accepted. Information class: Public. Copyright © 2024 Fronius. All rights reserved.

EN V02 Sep 2024