

# Designed to move.



## Fronius Wattpilot

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### 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 16A					
			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 <sup>1</sup>		20 mA AC, 6 mA DC integrated in device							
	Cable cross-section, supply line	mm <sup>2</sup>	Minimum 2.5		Minimum 6		Minimum 2.5		Minimum 6	
General data	PV optimization		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 <sup>2</sup>		WLAN 802.11 b/g/n							
	Authentication		RFID							
	Communication protocols		OCPP 1.6 J							
	Dynamic Load Balancing		Integrated (unlimited number of charging stations)							
	Usage <sup>3</sup>		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		max. 35		max. 35		max. 35	
	Ambient Temperature <sup>4</sup>	°C	-25 to +40 (without direct sunlight)							
	Humidity	%	5 - 95		5 - 95		5 - 95		5 - 95	
Altitude above sea level	m	0 - 2000		0 - 2000		0 - 2000		0 - 2000		
Impact resistance		IK08		IK08		IK08		IK08		

<sup>1</sup> 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.

<sup>2</sup> Supported safety standards: WEP, WPA, WPA2, WPA3

<sup>3</sup> When installed outdoors, the Wattpilot must not be exposed to direct sunlight

<sup>4</sup> Operation in temperatures in excess of 40 °C can result in reduced charging performance



# 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](http://www.fronius.com/wattpilot)

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