Fronius Wattpilot



Designed to move.

Product advantages

01 Plug 'n' Drive
02 Intelligent charging
03 Ease of use
04 Safety & control
05 Full integration
06 Complete flexibility

Whether at home or on the go, with or without a photovoltaic system, powering your electric car with renewable energy will always give you the best value. The Fronius Wattpilot is providing this in more and more countries with variable energy tariffs. The intelligent charging solution charges your electric car with surplus energy (if available) from your own photovoltaic system and the cheapest grid current. And it does all this automatically, sustainably, anywhere. **It's about e-mobility that drives us all forward. Fronius Wattpilot. Designed to move.**

The charging station for electric cars









01 Plug 'n' Drive

Operating the Fronius Wattpilot could not be easier: Simply plug it in and start charging.

02 Intelligent charging

As the owner of a photovoltaic system, you can be sure that the Fronius Wattpilot will charge your electric car with your own surplus energy (if available) or alternatively with grid current. This avoids load peaks while still reliably supplying the entire household.

03 Ease of use

Convenient control using the buttons on the Wattpilot itself or via a smartphone/tablet: With the Fronius Solar.wattpilot app, you can operate both versions of the Fronius Wattpilot and adjust the settings to suit your personal requirements.

04 Safety & control

You can create up to ten user profiles for each Fronius Wattpilot. Access to the Fronius Wattpilot can be secured by RFID chip or card, protecting it against misuse, including in public areas. The use of a chip or card also enables a detailed presentation of all charging data for each user.

05 Full integration

Conveniently for owners of photovoltaic systems, the Fronius Wattpilot can be seamlessly integrated into the Fronius Solar. web app. This gives you an overview of all components in your photovoltaic system at all times and enables you to monitor the use of all self-generated solar energy.

06 Complete flexibility

The Fronius Wattpilot can be used with any electric car. The Fronius charging solution is compatible with all makes of vehicle and you can continue to use it unimpeded even if you change your vehicle.



The Fronius Wattpilot can be easily integrated into Solar.web and provides a complete overview of energy usage.

Fronius Wattpilot. Designed to move.



Fronius Wattpilot is available in four versions:

– Fronius Wattpilot Go 11 J

– Fronius Wattpilot Go 22 J

– Fronius Wattpilot Home 11 J

– Fronius Wattpilot Home 22 J

Technical data

			Wattpilot							
			Go 11 J		Go 22 J		Home 11 J		Home 22 J	
Input data	Maximum charging power	kW	11		22		11		22	
	Grid configurations		TT / TN / IT		TT / TN / IT		TT / TN / IT		TT / TN / IT	
	Grid 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 16A (camping plug, blue) / safety plug16A		CEE16 (red) / CEE-Cara 16A (camping plug, blue) / safety plug16A					
			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 1-phase or 3-phase		6–32 1-phase or 3-phase		6–16 1-phase or 3-phase		6–32 1-phase or 3-phase	
	Mains frequency	Hz	50		50		50		50	
	Charging socket		Infrastructure-side Type 2 socket with mechanical locking							
	Residual current protection device[1]		20 mA AC, 6 mA DC integrated in device							
	Cable cross-section, supply line	mm²	min. 2.5		min. 2.5		min. 2.5		min. 2.5	

[1] *An additional 30 mA AC residual current circuit breaker and an automatic circuit breaker must be connected upstream.*

Technical data

			Wattpilot			
			Go 11 J	**Go 22 J**	**Home 11 J**	**Home 22 J**
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)
	Network connection[2]		WLAN 802.11 b/g/n	WLAN 802.11 b/g/n	WLAN 802.11 b/g/n	WLAN 802.11 b/g/n
	Communication protocols		OCPP 1.6 J	OCPP 1.6 J	OCPP 1.6 J	OCPP 1.6 J
	Use		Indoors and outdoors			
	Type of installation		Suspended upright			
	Safety class		IP 55	IP 55	IP 55	IP 55
	Standards/directives		EN IEC 61851-1 EN 62752 EN 62196	EN IEC 61851-1 EN 62752 EN 62196	EN IEC 61851-1 EN 62196	EN IEC 61851-1 EN 62196
	Dimensions (L × W × H)	mm	287 × 155 × 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	°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

[2] *Supported safety standards: WEP, WPA, WPA2, WPA3*

For more information, visit: www.fronius.com/wattpilot-en

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