



Designed to move.

Product advantages

- 01 Plug 'n' Drive
- 02 Intelligent charging
- 03 Operating convenience
- 04 Security & control
- 05 Full integration
- 06 Complete flexibility

At home or on the move. With or without your own PV system. Sustainable electricity is always the cheapest way to power your electric car. Fronius Wattpilot takes care of this in ever more countries with variable electricity tariffs. This intelligent charging solution charges your electric car with surplus energy from your own PV system – if available – and with the cheapest mains current. It's fully automatic, sustainable and can be used anywhere. **It's about e-mobility that drives us all forward. Fronius Wattpilot. Designed to move.**

The electric car charger



The Fronius Wattpilot can be integrated into Solar.web with ease and enables an overview of all energy usage.

01 Plug 'n' Drive

The Fronius Wattpilot is child's play to use – simply plug it in and charge.

02 Intelligent charging

As a PV system owner, you can rely on Fronius: The Fronius Wattpilot charges your electric car with your own surplus energy – where available – or draws upon mains current. This prevents load peaks while reliably supplying the entire household.

03 Operating convenience

Convenient control via a button on the Wattpilot or via smartphone/tablet: The Fronius Solar.wattpilot app allows you to securely use both versions of the Fronius Wattpilot and adjust them to suit your own personal needs.

04 Security & control

You can create up to 10 user profiles per Fronius Wattpilot. Access to the Fronius Wattpilot can be secured via RFID chip or card and protects it against misuse, including in public spaces. The use of chip or card also enables detailed itemisation of all charging data for each user.

05 Full integration

Attention PV system owners! The Fronius Wattpilot can be seamlessly integrated in the Fronius Solar.web app. This gives you an insight into all the components of your PV system at any time and allows you to control the use of all your self-generated solar energy.

06 Complete flexibility

No matter what electric car you drive, the Fronius Wattpilot is the perfect choice. This Fronius charging solution is compatible with all makes of car and remains fully ready for use if you change your car.





Fronius Wattpilot comes 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		1-phase	3-phase	1-phase	3-phase	1-phase	3-phase	1-phase	3-phase	
	Maximum charging power	kW	3.68	11	7.36	22	3.68	11	7.36	22
	Grid types		TT / TN / IT		TT / TN / IT		TT / TN / IT		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 adapter		CEE32 (red) / CEE Cara 16 A (blue camping plug) / safety plug 16 A		CEE16 (red) / CEE Cara 16 A (blue camping plug) / safety plug 16 A					
	Nominal voltage	V	1-phase	3-phase	1-phase	3-phase	1-phase	3-phase	1-phase	3-phase
	Nominal current (configurable)	A	230/240	400/415	230/240	400/415	230/240	400/415	230/240	400/415
	Grid frequency	Hz	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	
	Charging socket		50							
	Residual current device ¹		Type-2 infrastructure socket with mechanical lock							
Supply line cable cross-section	mm ²	20 mA AC, 6 mA DC integrated in device								
		min. 2.5		min. 6		min. 2.5		min. 6		

¹An additional 30 mA AC type A 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 optimisation	Dynamic PV surplus charging of 1.38–11 kW (at 230/400 V, automatic 1/3 phase switchover)			
	Network connection ²	WLAN 802.11 b/g/n			
	Communication protocols	OCPP 1.6 J			
	Use ³	indoors or outdoors			
	Installation type	Hanging upright			
	Safety class	IP 55			
	Standards/directives	EN IEC 61851-1 EN 62752 EN 62196			
	Dimensions (L x W x H)	mm 287 x 155 x 109			
	Weight	kg 1.6 1.8 1.8 2.3			
	Average temperature over 24 hours	°C max. 35			
	Ambient temperature ⁴	°C –25 to +40 (without direct sunlight)			
	Humidity	% 5–95			
	Sea level	m 0–2000			
Impact resistance	IK08				

² Supported security standards: WEP, WPA, WPA2, WPA3

³ When installed outdoors, the Wattpilot must not be exposed to direct sunlight.

⁴ Operation in temperatures in excess of 40°C can result in a reduction in charging performance

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

Fronius Canada Ltd.
2875 Argentia Road, Units 4, 5 & 6
Mississauga, ON L5N 8G6
Canada
pv-sales-canada@fronius.com
www.fronius.ca

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

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