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

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.

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

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 plug16 A		CEE16 (red) / CEE-Cara 16 A (blue camping plug) / safety plug16 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 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	
	Grid frequency	Hz	50		50		50		50	
	Charging socket		Type-2 infrastructure socket with mechanical lock							
	Residual current device[1]		20 mA AC, 6 mA DC integrated in device							
	Supply line cable cross-section	mm²	min. 2.5		min. 6		min. 2.5		min. 6	

[1] *An additional residual current circuit breaker as well as an automatic circuit breaker must be connected upstream in accordance with the applicable installation standard of the respective country.*

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 switching)	Dynamic PV surplus charging of 1.38-22 kW (at 230/400 V, automatic 1-/3-phase switching)	Dynamic PV surplus charging of 1.38–11 kW (at 230/400 V, automatic 1-/3-phase switching)	Dynamic PV surplus charging of 1.38-22 kW (at 230/400 V, automatic 1-/3-phase switching)
	Charging mode		Mode 2 acc. to IEC 61851-1 AC charging	Mode 2 acc. to IEC 61851-1 AC charging	Mode 3 acc. to IEC 61851-1 AC charging	Mode 3 acc. to IEC 61851-1 AC charging
	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[3]		Indoors or outdoors			
	Installation type		Hanging upright			
	Safety class		IP 65	IP 65	IP 65	IP 65
	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 (H × W × D)	mm	287 × 155 × 109			
	Weight	kg	1.6	1.8	1.8	2.3
	Average temperature over 24 hours	°C	max. 35	max. 35	max. 35	max. 35
	Ambient temperature[4]	°C	–25 to +40 (without direct sunlight)			
	Humidity	%	5–95	5–95	5–95	5–95
	Sea level	m	0–2000	0–2000	0–2000	0–2000
	Impact resistance		IK08	IK08	IK08	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 UK Limited
Maidstone Road, Kingston
Milton Keynes, MK10 0BD
United Kingdom
pv-sales-uk@fronius.com
www.fronius.co.uk

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

EN_UK V07 Jan 2024