



# Flex

Fronius Wattpilot



# Wattpilot Flex Home

## Technical data

		Wattpilot Flex Home 11 C6		Wattpilot Flex Home 22 C6				
Input data		1-phase	3-phase	1-phase	3-phase			
	Maximum charging power	kW	3,68	11	7,36			
	Grid supply types		TT / TN / IT					
	Grid connection		5-pole screw terminal					
		1-phase	3-phase	1-phase	3-phase			
	Nominal voltage	V	230/240	400/415	230/240			
	Rated current (configurable)	A	6–16A 1-phase or 3-phase	6–32A 1-phase or 3-phase				
	Grid frequency	Hz	50					
	Charging cable		6m cable with type 2 plug					
	Residual current device <sup>1</sup>		20 mA AC, 6 mA DC integrated in the device					
General data	Supply line cable cross-section	mm <sup>2</sup>	Cable entry from top (only permitted indoors), bottom, rear: 3x2.5mm <sup>2</sup> to 5x10mm <sup>2</sup> , cable diameter 10–20mm					
	PV optimization <sup>2</sup>		Dynamic PV surplus charging from 1.38 - 11 kW (at 230V / 400V) (automatic 1-/3-phase switching)		Dynamic PV surplus charging from 1.38 - 22 kW (at 230V / 400V) (automatic 1-/3-phase switching)			
	MID meter		Not integrated					
	Conformity with calibration law (Mess- und Eichrechtskonform)		No					
	Interfaces		LAN (via RJ45 or LSA) 10/100 Mbit/s / WiFi 802.11 b/g/n; 2412-2472 MHz; radio frequency power < 100mW (<20dBm) / 2 digital inputs / Relay output / Prepared for ISO15118					
	Charging mode		Mode 3 according to IEC 61851-1 AC charging					
	Authentication		RFID; 13,56MHz; maximum radiated power of 60dB <sub>μ</sub> A/m at 10m / Solar.wattpilot app					
	Standby consumption	W	3.5 - 6.8 (depending on the settings)					
	Communication protocols		OCPP 1.6 J					
	Dynamic Load Balancing <sup>3</sup>		Integrated (unlimited number of charging boxes)					
	Use <sup>4</sup>		Indoor and outdoor areas					
	Type of installation		Hanging upright					
	Protection class		IP 66					
	Norms and standards		EN IEC 61851-1 EN 62196 ISO 15118 (prepared on the hardware side)					
	Dimensions (H x W x D)	mm	325 x 195 x 105					
	Weight including type 2 cable	kg	4,1		5,4			
	Ambient temperature	°C	–25 bis +45					
	Air humidity	%	5-95 (non-condensing)					
	Sea level	m	0 - 2000					
	Color		Telegrey 4					
	Impact resistance		IK08					

<sup>1</sup> 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.

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

<sup>3</sup> An Internet connection is required for Dynamic Load Balancing.

<sup>4</sup> When installing outdoors, the cable entry may only be used from below or behind. The charging power of the Wattpilot may be limited in direct sunlight.

# Wattpilot Flex Pro

## Technical data

		Wattpilot Flex Pro 11 C6E		Wattpilot Flex Pro 22 C6E			
Input data		1-phase	3-phase	1-phase	3-phase		
	Maximum charging power	kW	3,68	11	7,36		
	Grid supply types		TT / TN / IT				
	Grid connection		5-pole screw terminal				
		1-phase	3-phase	1-phase	3-phase		
	Nominal voltage	V	230/240	400/415	230/240		
	Rated current (configurable)	A	6–16A 1-phase or 3-phase		6–32A 1-phase or 3-phase		
	Grid frequency	Hz		50			
	Charging cable		6m cable with type 2 plug				
	Residual current device <sup>1</sup>		20 mA AC, 6 mA DC integrated in the device				
General data	Supply line cable cross-section	mm <sup>2</sup>	Cable entry from top (only permitted indoors), bottom, rear: 3x2.5mm <sup>2</sup> to 5x10mm <sup>2</sup> , cable diameter 10–20mm				
	PV optimization <sup>2</sup>		Dynamic PV surplus charging from 1.38 - 11 kW (at 230V / 400V) (automatic 1-/3-phase switching)		Dynamic PV surplus charging from 1.38 - 22 kW (at 230V / 400V) (automatic 1-/3-phase switching)		
	MID meter		Integrated (accuracy class B)				
	Conformity with calibration law (Mess.- und Eichrechtskonform)		Yes				
	Interfaces		LAN (via RJ45 or LSA) 10/100 Mbit/s / Wifi 802.11 b/g/n; 2412-2472 MHz; radio frequency power < 100mW (<20dBm) / 2 digital inputs / Relay output / Prepared for ISO15118				
	Charging mode		Mode 3 according to IEC 61851-1 AC charging				
	Authentication		RFID; 13,56MHz; maximum radiated power of 60dB <sub>μ</sub> A/m at 10m / Solar.wattpilot app				
	Standby consumption	W	3.5 - 6.8 (depending on the settings)				
	Communication protocols		OCPP 1.6 J				
	Dynamic Load Balancing <sup>3</sup>		Integrated (unlimited number of charging boxes)				
	Use <sup>4</sup>		Indoor and outdoor areas				
	Type of installation		Hanging upright				
	Protection class		IP 66				
	Norms and standards		EN IEC 61851-1 EN 62196 ISO 15118 (prepared on the hardware side)				
	Dimensions (H x W x D)	mm	325 x 195 x 105				
	Weight including type 2 cable	kg	4,1	5,4			
	Ambient temperature	°C	–25 bis +45				
	Air humidity	%	5-95 (non-condensing)				
	Sea level	m	0 - 2000				
	Color		Anthracite				
	Impact resistance		IK08				

<sup>1</sup> 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.

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

<sup>3</sup> An Internet connection is required for Dynamic Load Balancing.

<sup>4</sup> When installing outdoors, the cable entry may only be used from below or behind. The charging power of the Wattpilot may be limited in direct sunlight.

# Wattpilot Flex Home and Pro



## Maximum sun

**With the Fronius Wattpilot Flex, you can charge your electric car very economically with self-generated solar power.** With the Fronius Wattpilot Flex, you can charge your electric car particularly economically with self-generated solar power. The PV-optimized wallbox makes intelligent use of both your available solar energy and the surplus PV power, and enables charging even at low starting power by automatically switching between 1- and 3-phases charging. The Eco Mode prioritizes solar power, while the Next Trip Mode ensures that enough electricity is charged in time for your next trip. The Fronius Wattpilot Flex gives you a double benefit: you save on charging and also increase your self-consumption – which speeds up the amortization of your system.

## Pure elegance

Experience a new level of charging your electric car - with the Fronius Wattpilot Flex. This EV charger will impress you with its modern design and its outstanding functionality. The elegant look and high-quality finish make it a stylish addition to your home.



## Usability in perfection

The Fronius Wattpilot Flex offers a user-friendly interface with intuitive touch buttons and clear menu navigation. Integrated WLAN and LAN interfaces allow easy integration into your home network. The Solarwattpilot app allows you to conveniently control and monitor the wallbox via smartphone or tablet - anytime, anywhere. Thanks to RFID\* technology, you can manage different user profiles and always have full control over all charging processes.

*\*RFID (Radio Frequency Identification) enables fast, contactless user identification, making access and use of your charging solution secure and convenient.*

# Wattpilot Flex Pro



The Fronius Wattpilot Flex Pro is the ideal choice for your electric company car. Thanks to the integrated, MID\*-compliant electricity meter, your company car is being charged efficiently while the exact number of kilowatt hours charged are recorded for transparent billing with your employer.

*\*Measuring Instruments Directive - an EU regulation to ensure the accuracy and reliability of measuring instruments used in commercial transactions.*

More information about the Wattpilot Flex: [www.fronius.com/wattpilot-flex-en](http://www.fronius.com/wattpilot-flex-en)