Fronius



Flow



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	22
	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	400/415
	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 [1]		20 mA AC, 6 mA DC integrated in the device			
	Supply line cable cross-section	mm²	Cable entry from top (only permitted indoors), bottom, rear: 3x2.5mm² to 5x10mm², cable diameter 10-20mm			

General data	PV optimization [2]		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)
	Energy meter		Standard meter (non-calibrated)	
	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 60dBµA/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 [3]		Integrated (unlimited number of charging boxes)	
	Use [4]		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 [5]	°C	–25 bis +45	
	Air humidity	%	5-95 (non-condensing)	
	Sea level	m	0 - 2000	
	Color		Telegrey 4	
	Impact resistance		IK08	

[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.*
[2] *Additional components are required for PV-optimized charging. All details can be found in the operating instructions.*
[3] *An Internet connection is required for Dynamic Load Balancing.*
[4] *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.*
[5] *3x16A continuous charging without derating; 1x32A continuous charging without derating; 3x32A max. derating to 3x27A at 45°C after 1 hour. Avoiding direct sunlight prevents premature derating.*

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	22
	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	400/415
	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 [1]		20 mA AC, 6 mA DC integrated in the device			
	Supply line cable cross-section	mm²	Cable entry from top (only permitted indoors), bottom, rear: 3x2.5mm² to 5x10mm², cable diameter 10-20mm			

General data	PV optimization [2]		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)
	Energy meter		MID meter (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 60dBµA/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 [3]		Integrated (unlimited number of charging boxes)	
	Use [4]		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 [5]	°C	–25 bis +45	
	Air humidity	%	5-95 (non-condensing)	
	Sea level	m	0 - 2000	
	Color		Anthracite	
	Impact resistance		IK08	

[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.*

[2] *Additional components are required for PV-optimized charging. All details can be found in the operating instructions.*

[3] *An Internet connection is required for Dynamic Load Balancing.*

[4] *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.*

[5] *3x16A continuous charging without derating; 1x32A continuous charging without derating; 3x32A max. derating to 3x27A at 45°C after 1 hour. Avoiding direct sunlight prevents premature derating.*

Wattpilot Flex Home and Pro



Maximum sun

Future-driven: The Fronius Wattpilot Flex captures every ray of sunshine from a PV system and charges electric cars with exceptional efficiency and cost-effectiveness. 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 the 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. With its modern design and outstanding functionality, the EV charger makes a strong impression. The elegant look and high-quality finish make it a stylish addition to your home.

GERMAN DESIGN AWARD WINNER 2025

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 Solar.wattpilot 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 electric company cars. Thanks to the integrated, MID*-compliant electricity meter, the company car is being charged efficiently while the exact number of kilowatt hours charged are recorded for transparent billing with the 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

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