



Fronius Wattpilot Flex

A close-up, angled view of the bottom of the device, showing the circular display with the green and yellow ring and the Fronius logo.

Wattpilot Flex Home

Technical data

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	°C	–25 to +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 and additional components are required for Dynamic Load Balancing. All details can be found in the operating instructions.

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.

More information about the Wattpilot Flex: www.fronius.com.au/wattpilot-flex