



Flex



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			
	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	mm ²	Cable entry from top (only permitted indoors), bottom, rear: 3x2.5mm ² to 5x10mm ² , cable diameter 10-20mm			

General data			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)
	PV optimization ²		Standard meter (non-calibrated)	
	Energy meter		No	
	Conformity with calibration law (Mess.- und Eichrechtskonform)		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	
	Interfaces		Mode 3 according to IEC 61851-1 AC charging	
	Charging mode		RFID; 13,56MHz; maximum radiated power of 60dBµA/m at 10m / Solar.wattpilot app	
	Authentication		3.5 - 6.8 (depending on the settings)	
	Standby consumption	W	OCPP 1.6 J	
	Communication protocols		Integrated (unlimited number of charging boxes)	
	Dynamic Load Balancing ³		Indoor and outdoor areas	
	Use ⁴		Hanging upright	
	Type of installation		IP 66	
	Protection class		EN IEC 61851-1 EN 62196 ISO 15118 (prepared on the hardware side)	
	Norms and standards		325 x 195 x 105	
	Dimensions (H x W x D)	mm	4,1	5,4
	Weight including type 2 cable	kg	-25 to +45	
	Ambient temperature	°C	5-95 (non-condensing)	
	Air humidity	%	0 - 2000	
Sea level	m	Telegrey 4		
Color		IK08		
Impact resistance				

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