



Floor Mounted EV Charger

The Floor Mounted EV Charger is available in single or twin socket and combines advanced technology with ease of installation and user-friendly operation, making it perfect for commercial use.

It features intuitive touchscreens, 4G, RFID, and contactless payment options for seamless functionality. Compliant with PAS 1899:2022 accessibility standards and designed for scalability, this charger is built with quality stainless steel and includes surge protection, MID meters, overcurrent protection, and PEN fault protection, ensuring reliable, safe, and efficient operation.

Key Features:

- Type 2 Socket Outlets
- Backlit Intuitive Colour Touchscreen
- On Screen & RGB LED Charge Status Indicator
- IP65 and IK10* rated durable Die-Cast Aluminium and Stainless Steel Construction
- Supports Monta QR Code, RFID, Plug and Charge, and Payment Terminal Charging
- Built in 4G Connectivity, MCB and MID meters as standard
- PAS 1899 Compliant design, ensuring accessible charging

*IK10 Body, IK08 Screen



Destination



Fleet



Public



4G
GSM

Wi-Fi

AC CHARGING

DUAL CHARGING

5 YEAR WARRANTY

LOAD BALANCING

PEN PROTECTION

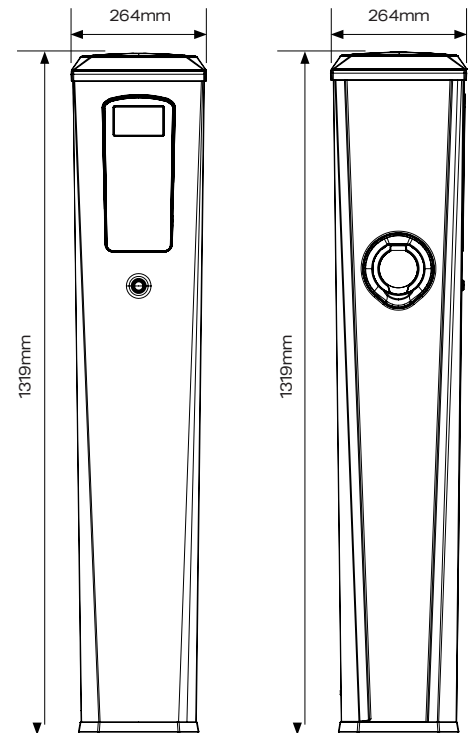
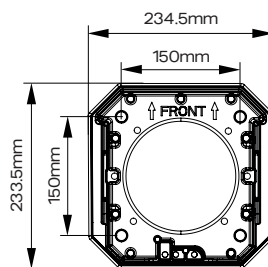
OCPP 1.6J

IP65 RATING

IK10 RATING

At a glance

Phase	Single or Three Phase
Power	Single Phase: 1 x 7.4kW / 2 x 7.4kW Three Phase: 2 x 11kW / 1 x 22kW / 2 x 22kW
Connection Type	Type 2
Input Current	130A
Protocol	OCCP 1.6J
Colour	Black / Grey
Material	Stainless steel, Die-cast aluminum and Polycarbonate (PC)



PART NO.	DESCRIPTION	MAX OUTPUT		MAX INPUT	
		(kW)	(A)	(A)	(V)
EVPCFSM211BGR	Twin Floor Mounted with 4G, MID Meter - Three Phase	1 x 22kW or 2 x 11kW	32A	130A	400-415V
EVPCFSM211BGRP	Twin Floor Mounted with 4G, MID Meter & Payment Terminal - Three Phase	1 x 22kW or 2 x 11kW	32A	130A	400-415V
EVPCFSM27BGR	Twin Floor Mounted with 4G, MID Meter - Single Phase	2 x 7.4kW	32/64A	130A	220-240V
EVPCFSM27BGRP	Twin Floor Mounted with 4G, MID Meter & Payment Terminal - Single Phase	2 x 7.4kW	32/64A	130A	220-240V
EVPCFSM222BGR	Twin Floor Mounted with 4G, MID Meter - Three Phase	2 x 22kW	32/64A	130A	400-415V
EVPCFSM222BGRP	Twin Floor Mounted with 4G, MID Meter & Payment Terminal - Three Phase	2 x 22kW	32/64A	130A	400-415V
EVPCFSM122BGRx	Twin Floor Mounted with 4G, MID Meter - Three Phase	1 x 22kW	32A	130A	400-415V
EVPCFSM122BGRP	Twin Floor Mounted with 4G, MID Meter & Payment Terminal - Three Phase	1 x 22kW	32A	130A	400-415V
EVPCFSM17BGRx	Twin Floor Mounted with 4G, MID Meter - Single Phase	1 x 7.4kW	32/64A	130A	220-240V
EVPCFSM17BGRP	Twin Floor Mounted with 4G, MID Meter & Payment Terminal - Single Phase	1 x 7.4kW	32/64A	130A	220-240V

TO SPECIFY

Floor Mounted, Single or Twin Type 2 Socket, EV Charging Bollard with Touchscreen, 4G connectivity, RFID, and Contactless card payment options. Compliant with PAS 1899:2022 accessibility standards, equipped with surge protection, MID meters, RCD Built in protection, MCB over current protection, PEN fault protection and Loop in Loop out input terminations up to 50mm² cable, with IP65 and IK10 rating. Made of Stainless Steel and Die-cast Aluminium.

ACCESSIBILITY

PAS 1899:2022 Compliant when installed as per guidance

CHARGING CONTROL

In App, RFID, Free vend and Contactless payment (Contactless payment requires charger with payment terminal)

Powered by Monta and fully compatible with OCCP 1.6J, offering seamless integration with a variety of apps and back-office systems for maximum flexibility and control.

CUSTOMISATION

Pro Charger side panels can be customised with your branding. Speak to your representative for information on pricing and minimum order requirements.

Twin Floor Mounted EV Charger

Main Features

- Twin Type 2 Socket Outlets
- Backlit Intuitive Colour Touchscreen
- On Screen & RGB LED Charge Status Indicator
- Built in 4G Connectivity, MCB and MID meters as standard



ELECTRICAL SPECIFICATIONS	EVPCFSM211BGR	EVPCFSM211BGRP	EVPCFSM27BGR	EVPCFSM27BGRP
Supports Daisy Chain Install	Yes, up to 50mm2 cable			
Input Cable Max Size	50mm2			
Max Input (A)	130A			
Internal Overcurrent Rating (A)	40A (Three phase)		2x40A (Single Phase)	
Input Voltage	400-415V (Three Phase)		220-240V (Single Phase)	
Input Frequency	50/60hz			
PEN Fault	Built in			
SPD Protection	Integrated Type 2 SPD			
RCD Protection	Built in 30mA AC Type A & 6mA DC Protection			
Electrical Class	Class 1 with Class 2(II) insulated Housing			
Energy Meter	Integrated Class B MODBUS MID Meter			
Temperature Monitoring	Yes			
Weld Detection	Built In			
Anti Tamper Detection	2 Layer Protection built in			
Over Voltage	Built In			

OPERATING CONDITIONS & CONSTRUCTION	EVPCFSM211BGR	EVPCFSM211BGRP	EVPCFSM27BGR	EVPCFSM27BGRP
Storage	-30°C to 55°C			
Operating	-25°C to 40°C			
Relative Humidity	5-95%			
IP Rating	IP65			
IK Rating	IK10 Body, IK08 Screen			
Power Dissipation	8W Standby			
Mounting	Floor Mounted, 150mm x 150mm fixing centres			
Material	Stainless steel, Die-cast aluminum and Polycarbonate (PC)			
Colour	Black RAL 9005, Grey RAL 9006			
Dimensions	1319 (H) x 264 (W) x 264 (D)			

Twin Floor Mounted EV Charger

Main Features

- Single or Twin Type 2 Socket Outlets
- Backlit Intuitive Colour Touchscreen
- On Screen & RGB LED Charge Status Indicator
- Built in 4G Connectivity, MCB and MID meters as standard



ELECTRICAL SPECIFICATIONS	EVPCFSM222BGR	EVPCFSM222BGRP	EVPCFSM122BGRx	EVPCFSM122BGRPx
Supports Daisy Chain Install	Yes, up to 50mm2 cable			
Input Cable Max Size	50mm2			
Max Input (A)	130A			
Internal Overcurrent Rating (A)	2x40A		1x40A	
Input Voltage	400-415V (Three Phase)			
Input Frequency	50/60hz			
PEN Fault	Built in			
SPD Protection	-		Integrated Type 2 SPD	
RCD Protection	Built in 30mA AC Type A & 6mA DC Protection			
Electrical Class	Class 1 with Class 2(II) insulated Housing			
Energy Meter	Integrated Class B MODBUS MID Meter			
Temperature Monitoring	Yes			
Weld Detection	Built In			
Anti Tamper Detection	2 Layer Protection built in			
Over Voltage	Built In			

OPERATING CONDITIONS & CONSTRUCTION	EVPCFSM222BGR	EVPCFSM222BGRP	EVPCFSM122BGRx	EVPCFSM122BGRPx
Storage	-30°C to 55°C			
Operating	-25°C to 40°C			
Relative Humidity	5-95%			
IP Rating	IP65			
IK Rating	IK10 Body, IK08 Screen			
Power Dissipation	8W Standby			
Mounting	Floor Mounted, 150mm x 150mm fixing centres			
Material	Stainless steel, Die-cast aluminum and Polycarbonate (PC)			
Colour	Black RAL 9005, Grey RAL 9006			
Dimensions	1319 (H) x 264 (W) x 264 (D)			

Single Floor Mounted EV Charger

Main Features

- Single Type 2 Socket Outlets
- Backlit Intuitive Colour Touchscreen
- On Screen & RGB LED Charge Status Indicator
- Built in 4G Connectivity, MCB and MID meters as standard



ELECTRICAL SPECIFICATIONS	EVPCFSM17BGRx	EVPCFSM17BGRP _x
Supports Daisy Chain Install	Yes, up to 50mm ² cable	
Input Cable Max Size	50mm ²	
Max Input (A)	130A	
Internal Overcurrent Rating (A)	40A (Single phase)	
Input Voltage	220-240V (Single Phase)	
Input Frequency	50/60hz	
PEN Fault	Built in	
SPD Protection	Built in	
RCD Protection	Built in 30mA AC Type A & 6mA DC Protection	
Electrical Class	Class 1 with Class 2(II) insulated Housing	
Energy Meter	Integrated Class B MODBUS MID Meter	
Temperature Monitoring	Yes	
Weld Detection	Built In	
Anti Tamper Detection	2 Layer Protection built in	
Over Voltage	Built In	

OPERATING CONDITIONS & CONSTRUCTION	EVPCFSM17BGRx	EVPCFSM17BGRP _x
Storage	-30°C to 55°C	
Operating	-25°C to 40°C	
Relative Humidity	5-95%	
IP Rating	IP65	
IK Rating	IK10 Body, IK08 Screen	
Power Dissipation	8W Standby	
Mounting	Floor Mounted, 150mm x 150mm fixing centres	
Material	Stainless steel, Die-cast aluminum and Polycarbonate (PC)	
Colour	Black RAL 9005, Grey RAL 9006	
Dimensions	1319 (H) x 264 (W) x 264 (D)	