

WALLPOD:EV

EV OPENCHARGE

Type 2, Mode 3 Charging Socket
(GPRS/Ethernet Communication)
3.6kW or 7.2kW

ROLEC
EV Charging

MANUFACTURED IN THE UK



COMPLIANT



Unit shown: WALLPOD:EV
EV OPENCHARGE
Type 2, Mode 3 Charging Socket

The WALLPOD:EV OPENCHARGE charging unit has been designed as a simple to use, simple to manage, EV charger offering a variety of innovative features for both the EV driver and the charge point network operator.

This affordable OCPP compliant charging point can offer a simple pay-to-charge solution via the EV driver's smartphone and/or RFID card/fob authorisation through any chosen OCPP back office management system.

Available with a Type 2, Mode 3 charging socket offering either 3.6kW or 7.2kW charging speeds.

PRODUCT FEATURES

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging socket
- Charging speeds – 3.6kW (16A) & 7.2kW (32A)
- OCPP 1.6 compliant (Can integrate with any back office)
- Remote firmware updates
- Built-in RFID reader
- Supplied with a 4 mod metal clad consumer unit, containing:
 - AC overload protection (MCB)
 - AC & DC fault protection (RCD)
- Built-in LED charging status indicator
- Built-in Class 1 MID compliant kWh meter
- EV driver Pay-to-Charge smartphone integration
- OLEV Grant Fundable under the Workplace Charging Scheme and the Electric Vehicle Homecharge Scheme
- IP Rated & UV Stabilised
- Corrosion resistant, fire retardant & impact resistant design

Chargepoint Management

Unless otherwise stated at time of order, EV OPENCHARGE units will be automatically programmed to operate via the Rolec VENDELECTRIC back office management system.



See the VENDELECTRIC sheet Overview for details



OCPP 1.6
Compliant



Grant
Fundable



GPRS / Ethernet
Connectivity



Colour Options
Available




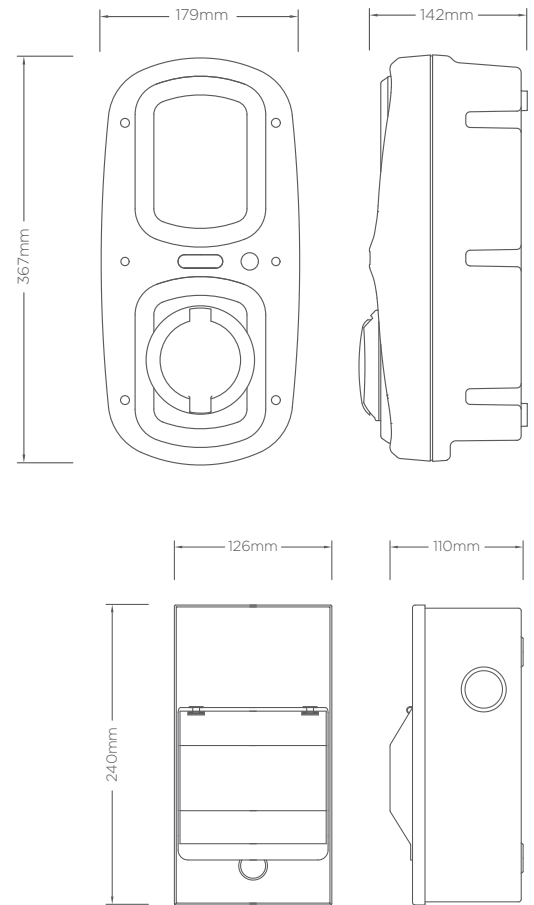
IP Rated &
UV Stabilised



CE
Certified

SPECIFICATIONS

Product Code	OCPP2016	OCPP2026
Charging Socket	Type 2 (IEC 62196) 	
Rated Output	3.6kW	7.2kW
Rated Current	16A	32A
Charge Protocol	Mode 3	
Input Voltage	230V AC/50Hz (Single Phase)	
Cable Terminals	3x 16mm	
Communications	GPRS (Requires a signal strength of 14 CSQ or above) RJ45 Ethernet Connection	
Standby Consumption	Approx 0.05kWh per day	
Certifications & Compliances	EV Charging Compliance – EN 61851-1:2011, BS EN 62196-1:2014, BS EN 62196-2:2017	
	Wiring Regulations – BS 7671	
	EMC Compliance – EN 301 489-01 V2.2.0, EN 301 489-03 V2.1.1, EN 301 489-52 V1.1.0, EN 50470-1:2006	
	Spectrum/Telecom – EN 301 511 V9.0.2, EN 300 330 v2.1.1 RED – 2014/53/EU – EN 62311:2008	
	Safety Compliance (LVD) – 2014/35/EU, EN 62368-1:2014	
	Environmental Protection – Enclosure IP65, Socket IP54 (BS EN 60529:1992+A2:2013)	
Dimensions	179mm x 367mm x 142mm (W x H x D)	
Unit Material	Polycarbonate (303 EP-22)	
Operating Temperature	-30°C to +50°C	
Standard Base Colour	Anthracite Grey (Other colours available upon request)	
Standard Pod Colour	Green (Other colours available upon request)	



EXTERNAL CONSUMER UNIT

	MCB	Type B RCD	Enclosure
Rated Voltage	240 / 415V	230 / 240V	-
Rated Current	20A / 40A	63A	-
Frequency	50Hz	50Hz	-
IP Rating	-	IP20	IP40
Material	-	-	Polyester coated steel
Standards	EN 60898-1, EN 61008-1, EN 62423, EN 55014-1, EN 55014-2, EN 61000-3, EN 61000-3, EN 60335-1, EN 60989, LVD 2014/35/EU		

EV OPENCHARGE

- Smart charging control via mobile phone and/or RFID
- Can integrate with any chosen OCPP back office management system
- Open Charge Point Protocol 1.6 (OCPP 1.6)
- On board GPRS modem with antenna & ethernet connection

OPTIONS & ACCESSORIES

- RFID card/fobs
- Load Manager system (electrical distribution management)
- Corporate branding (colours, logo badge, etc.)
- Ground mounting post, protection barriers & charge point signage
- EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)



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