AUTOCHARGE:EV

EV OPENCHARGE

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

ROLEC
EV Charging

MANUFACTURED IN THE UK

OCPP COMPLIANT

Unit shown: AUTOCHARGE:EV
EV OPENCHARGE
2way Socket (Type 2) Charging Pedestal

The AUTOCHARGE:EV OPENCHARGE is a heavy duty, hard wearing EV charging pedestal, specifically designed and manufactured for commercial and public facing environments.

This versatile OCPP compliant pedestal 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 in both 1way or 2way versions, providing Mode 3 fast charging in 3.6kW or 7.2kW speeds, this unit features a built in GPRS antenna and Ethernet connection.

PRODUCT FEATURES

- Mode 3 (IEC 61851-1) fast charging
- Available in 1way / 2way & 3.6kW (16A) / 7.2kW (32A) versions
- Type 2 (IEC 62196) charging socket(s) c/w security hatchlock(s)
- Surface or root mountable
- OCPP 1.6 compliant (Can integrate with any back office)
- Remote firmware updates
- Built-in RFID reader
- Switchgear & components behind lockable door
- Built-in AC overload protection (MCB)
- Built-in AC & DC fault protection (RCD)
- Built-in LED charging status indicator socket halo(s)
- Built-in class 1 **MID** compliant kWh meter(s)
- EV driver Pay-to-Charge smartphone integration
- OLEV Grant Fundable under the Workplace Charging Scheme
- Easy to install & maintain
- IP Rated, UV stabilised, corrosion resistant & fire retardant

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

WCS OLEV Grant Fundable

GPRS / Ethernet Connectivity

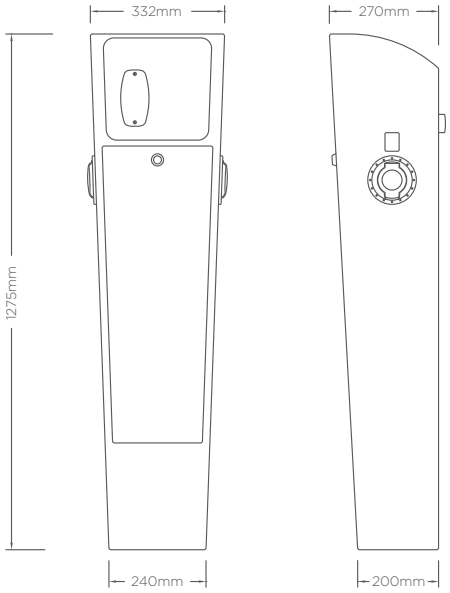
Branding & Colour Options Available

Secure & Durable

IP Rated & UV Stabilised

SPECIFICATIONS

Product Code	OCPP0010	OCPP0011	OCPP0020	OCPP0021
Charging Socket(s)	1x Type 2 (IEC 62196)		2x Type 2 (IEC 62196)	
Rated Output	3.6kW	7.2kW	3.6kW	7.2kW
Rated Current	16A	32A	16A	32A
Charge Protocol	Mode 3			
Input Voltage	230V AC/50Hz (Single Phase)			
AC Overload Protection	1x C20A MCB	1x C40A MCB	2x C20A MCBs	2x C40A MCBs
AC & DC Fault Protection	1x Type B RCD		2x Type B RCDs	
Cable Terminals	3x 50mm			
Communications	GPRS (Recommended signal strength of 14 CSQ or above) RJ45 ethernet connection			
Standby Consumption	Approx 0.3kWh 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 (1x Skt) or EN 55032:2012 (2x Skts) 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 Environmental Protection – Enclosure IP54, Socket IP54 (BS EN 60529:1992+A2:2013)			
Dimensions	332mm x 1275mm x 270mm (W x H x D)			
Pedestal Material	Bodywork manufactured in heavy duty 1.5mm steel & applied with 45 – 55 microns of zinc primer			
Pedestal Finish	Corrosive resistant, textured Polyester powder coating			
Operating Temperature	-30°C to +50°C			
Standard Body Colour	Black (Other colours available upon request)			



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.)
- Galvanised steel ground mounting base
- Protection barriers
- Charge point signage
- EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)

OCPP COMPLIANT

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