

QUANTUM:EV

EV CHARGE.ONLINE

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

ROLEC
EV Charging

MANUFACTURED IN THE UK



The QUANTUM:EV CHARGE.ONLINE pedestal is a sophisticated and resilient EV charging point, providing a combination of durability and impeccable design for all locations.

This ultra-modern pedestal allows free-to-use charging and/or a simple pay-to-charge solution via the EV driver's smartphone.

Available in both 1way or 2way versions, providing Mode 3 fast charging in 3.6kW or 7.2kW speeds, this unit features a GPRS antenna communication 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)
- Photocell controlled LED amenity lighting head
- Surface or roof mountable
- Built-in AC overload & fault current protection
- Built-in DC sensitive protection
- 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
- Fire retardant
- IK10 impact & corrosion resistant

Unit shown: QUANTUM:EV
EV CHARGE.ONLINE
2way Socket (Type 2) Charging Pedestal



EV CHARGE.ONLINE PAY-TO-CHARGE
PAYMENT PARTNERS/ASSOCIATES



See the EV CHARGE.ONLINE Overview for details



GPRS
Connectivity



Grant
Fundable



EV Driver
Multi-Device Access



Branding & Colour
Options Available



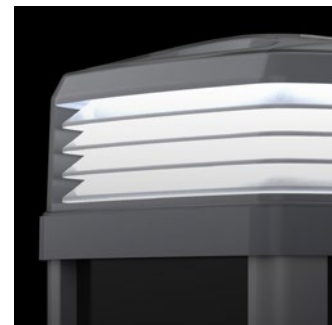
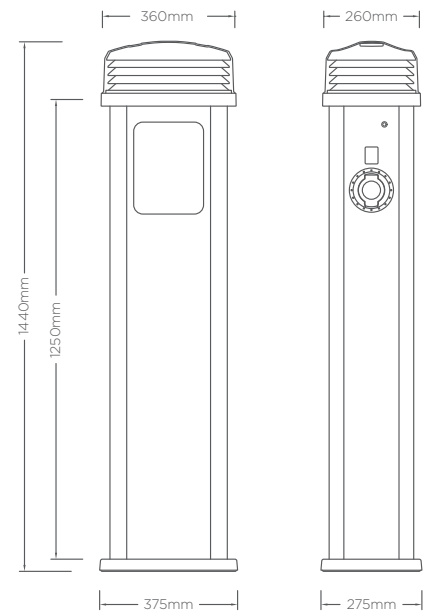
LED Amenity
Lighting



IP Rated &
UV Stabilised

SPECIFICATIONS

Product Code	EVCO0410	EVCO0411	EVCO0420	EVCO0421
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 20A	1x 40A	2x 20A	2x 40A
AC Fault Protection	30mA			
DC Fault Protection	6mA			
Cable Terminals	3x 50mm			
Communications	GPRS (Recommended signal strength of 14 CSQ or above)			
Standby Consumption	Approx 0.4kWh per day			
Certifications & Compliances 	EV Charging Compliance – EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002			
	Wiring Regulations – BS 7671			
	EMC Compliance – EN 61000-6-3:2007, EN 61000-6-2:2005			
	Safety Compliance (LVD) – 2014/35/EU			
CE	Environmental Protection – Enclosure IP66, Socket IP54 (BS EN 60529:1992+A2:2013)			
Dimensions	375mm x 1440mm x 275mm (W x H x D)			
Substructure Material	2.5mm thick, high quality 6063 extruded aluminium with a 25 micron hard anodised protective cosmetic finish			
Panel Material	3.2mm Aluminium composite			
Lens Material	High impact resistant 3mm polycarbonate			
Base Material	High impact resistant, heavy-duty 5mm polycarbonate			
Lid/Sandwich Material	High impact resistant polycarbonate			
Operating Temperature	-30°C to +50°C			
Standard Panel Colour	Black (Other colours available upon request)			



EV CHARGE.ONLINE

- Built-in modem and GPRS signal antenna
- Built-in roaming Sim card connects directly to the strongest signal
- Smart charging control via the EV Charge.Online mobile app*
- EV Charge.Online Back Office management system*

EV CHARGE.ONLINE PAY-TO-CHARGE PARTNERS/ASSOCIATES



OPTIONS & ACCESSORIES

- 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)

*Full App functionality dependent on chosen data management plan, please refer to the EVCharge.Online Overview Sheet for more information
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