

QUANTUM:EV

FREE-TO-USE

Type 2, Mode 3 Charging Socket(s)

3.6kW Or 7.2kW

ROLEC

EV

MANUFACTURED IN THE UK



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

The QUANTUM:EV pedestal offers a blend of quality and value, and has been specifically designed to provide both style and flair. Its unique LED louvered amenity lighting safely guides EV drivers to their charging point during the hours of darkness. The unit's custom branding options also provide the perfect blank canvas for company logos, colours, etc.

Ideal locations include offices, factories, private car parks, schools, depots and many more.

This versatile, future-proof, free-to-use pedestal is available in both 1way & 2way versions, providing Mode 3 fast charging in either 3.6kW or 7.2kW speeds.

PRODUCT FEATURES

- IEC 61851-1 Mode 3 fast charging
- Available in 1way and 2way versions
- Charging speeds - 3.6kW (16A) & 7.2kW (32A)
- IEC 62196 (Type 2) charging socket(s) c/w security hatchlock(s)
- Can be upgraded to accommodate various pay-to-charge (PAYG) solutions
- Photocell controlled LED amenity lighting head
- Surface or roof mountable
- Built-in overload and fault current protection (RCBO)
- Built-in LED charging status indicator
- OLEV Grant Fundable under the Workplace Charging Scheme
- EV driver can simply park, plug in and charge their vehicle
- Easy to install and maintain
- IP66 British Standard Institute (BSI) certified
- Corrosion resistant, UV stabilised & impact resistant design
- CE certified



OLEV

Grant Fundable



Branding & Colour Options Available



LED Amenity Lighting



Impact Resistant



IP66 Weather Proof & UV Stabilised

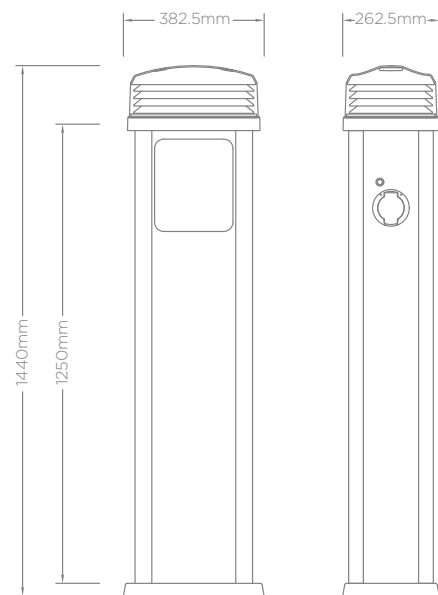


Flame Retardant

SPECIFICATIONS

PHYSICAL

Dimensions	382.5mm x 1440mm x 262.5mm (W x H x D)
Standard Body Colour	Black (Other colours available upon request)
Substructure Material	2.5mm thick, high quality 6063 extruded aluminium with a 25 micron hard anodised protective cosmetic finish
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
Certifications & Compliances	Wiring Regulations - BS 7671 (18th Edition) IET EV Regulations, Glow Wire Testing - IEC 60695-2-13 EMC Compliance - EN 61000-6-3:2007, EN 61000-6-2:2005 Safety Compliance - EN 60950-1:2006, EN 60950-22:2006, Low Voltage Directive (LVD) 2014/35/EU Environmental Protection - IP66 (Category 1) Weatherproof BS EN 60529, UL94 Flame Rating at V2 for 1.5mm and 3.0mm

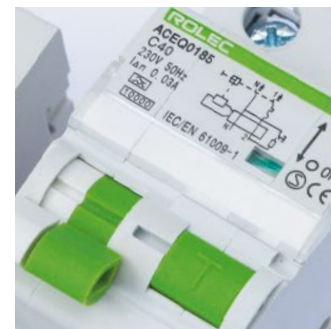


ELECTRICAL

Product Code	EVQR0110	EVQR0111	EVQR0120	EVQR0121
Charging Socket(s)	1x IEC 62196 (Type 2)		2x IEC 62196 (Type 2)	
Rated Output	3.6kW	7.2kW	3.6kW	7.2kW
Rated Current	16A	32A	16A	32A
Charge Protocol	Mode 3			
EV Charging Compliance	EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002			
Input Voltage	230V AC/50Hz (Single Phase)			
Overload & Fault Current Protection	Built-in 30mA Type A RCBO & 6mA DC Sensitive Device			
Incoming Cable Terminals	1x 20A	1x 40A	2x 20A	2x 40A
	3 x 35mm			

OPTIONS & ACCESSORIES

- Key switch control charging
- Built-in class 1 MID compliant kWh meter
- 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)



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