QUANTUM:EV

TOKEN MECH - PAYG

Type 2, Mode 3 Charging Socket(s)
3.6kW Or 7.2kW

ROLEC EV

MANUFACTURED IN THE UK





Unit shown: QUANTUM:EV
TOKEN MECH - PAYG
2way Socket (Type 2) Charging Pedestal

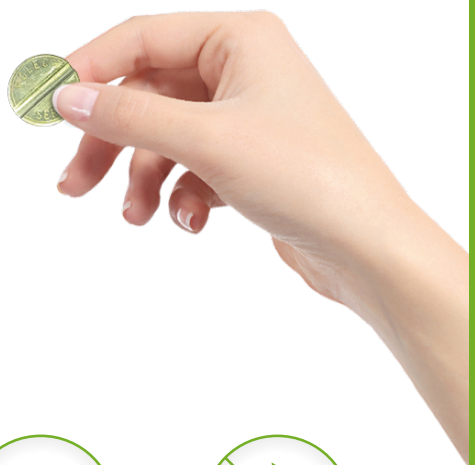
The QUANTUM:EV Token Mech pedestal offers a blend of quality and value, and has been specifically designed to provide both style and flair. Its unique LED louvered amenity lighting safely guides EV drivers to their charging point during the hours of darkness. The unit's custom branding options also provide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

This versatile, future-proof pedestal offers a simple pay-to-charge solution via its token payment system. Ideal locations include offices, factories, private car parks, schools, depots and many more.

These pedestals are 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 3.6kW (16A) & 7.2kW (32A) versions
- IEC 62196 (Type 2) charging socket(s) c/w security hatchlock(s)
- Photocell controlled LED amenity lighting head
- Allows the EV driver to pay for their charge by obtaining a token from the operator
- Unit comes complete with "charge time availability" display screen
- Unit comes complete with a key switch operated charge time tariff configurator
- Surface or root mountable
- Built-in overload and fault current protection (RCBO)
- Built-in LED charging status indicator
- Easy to install and maintain
- IP66 British Standard Institute (BSI) certified
- Corrosion resistant, UV stabilised & fire retardant
- IK10 impact resistant design. CE certified



Token Operated

Branding & Colour Options Available

LED Amenity Lighting

IK10 Impact Rating

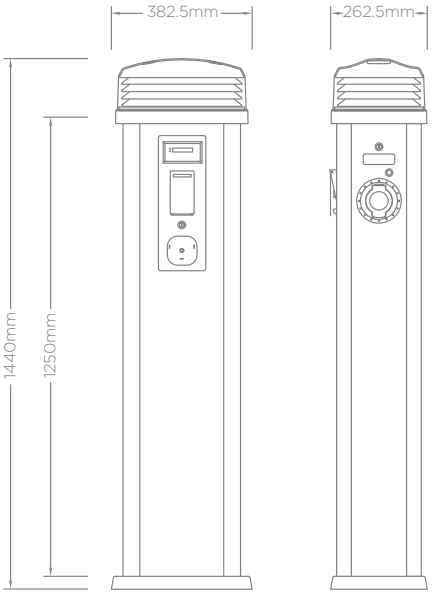
IP66 Weather Proof & UV Stabilised

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 CE	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, IK10 Impact Rating - BS EN 62262:2002









ELECTRICAL

Product Code	EVTM0210	EVTM0211	EVTM0220	EVTM0221
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			
	1x 20A	1x 40A	2x 20A	2x 40A
Incoming Cable Terminals	3 x 35mm			

OPTIONS & ACCESSORIES

- Tokens
- 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)

BS 7671 18TH EDITION REGULATIONS COMPLIANT

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