

# QUANTUM:EV

TOKEN MECH - PAYG

Type 2, Mode 3 Charging Socket(s)

3.6kW Or 7.2kW

ROLEC  
EV

MANUFACTURED IN THE UK



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.



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

## 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 roof 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

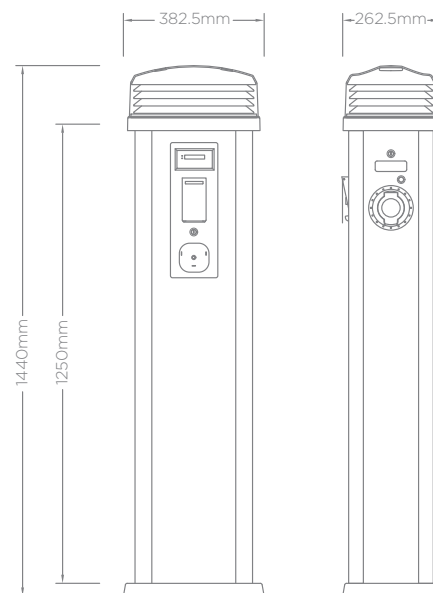


Flame  
Retardant

# 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 | Wiring Regulations - BS 7671 (18th Edition)<br>IET EV Regulations, Glow Wire Testing - IEC 60695-2-13<br>EMC Compliance - EN 61000-6-3:2007, EN 61000-6-2:2005<br>Safety Compliance - EN 60950-1:2006, EN 60950-22:2006,<br>Low Voltage Directive (LVD) 2014/35/EU<br>Environmental Protection -<br>IP66 (Category 1) Weatherproof BS EN 60529,<br>UL94 Flame Rating at V2 for 1.5mm and 3.0mm,<br>IK10 Impact Rating - BS EN 62262:2002 |

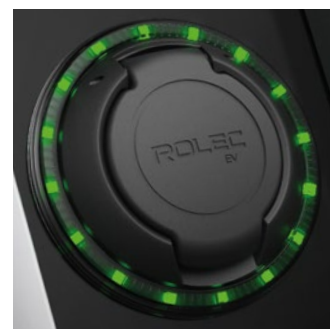


## ELECTRICAL

|                                     |   |                       |                       |                       |
|-------------------------------------|---|-----------------------|-----------------------|-----------------------|
| Product Code                        | EVTM0210  | EVTM0211              | EVTM0220              | EVTM0221              |
| Charging Socket(s)                  | 1x IEC 62196 (Type 2)                               | 2x IEC 62196 (Type 2) | 2x 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

- 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)



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