# WALLPOD:EV

**FREE-TO-USE**

Type 2, Mode 3 Charging Socket
3.6kW or 7.2kW

ROLEC
*EV Charging*

MANUFACTURED IN THE UK








The WALLPOD:EV is a low-cost, entry level home charging unit, designed to offer full Mode 3 fast charging to every Electric Vehicle (EV/PHEV) on the market today.

This charging unit is available with a Type 2, Mode 3 charging socket offering either 3.6kW (16A) or 7.2kW (32A) charging speeds, and is equipped with built-in TruePEN PME fault detection.

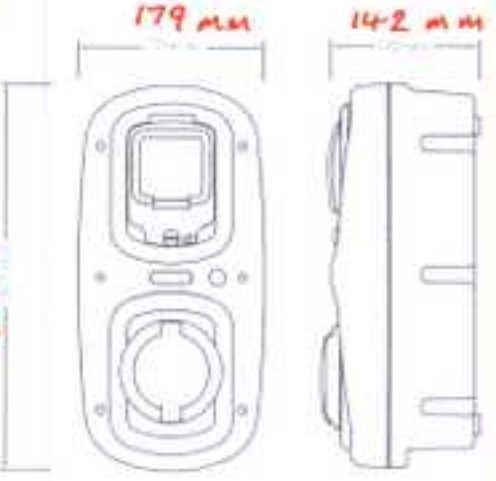
## PRODUCT FEATURES

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging socket
- 3.6kW (16A) & 7.2kW (32A) charging speeds
- Built-in overload and fault current protection (Type A RCBO)
- Built-in TruePEN PME fault detection, no earth electrode/rod required
- Built-in DC sensitive protective device
- Built-in LED charging status indicator
- Easy to install and maintain
- IP Rated
- UV stabilised
- Corrosion resistant
- Fire retardant
- IK10 impact resistant design



## SPECIFICATIONS

| | | |
|---|---|---|
| Product Code | EVWP2010-PEN | EVWP2020-PEN |
| Charging Socket | Type 2 (IEC 62196) | |
| AC Charging Output | 3.6kW (16A) | 7.2kW (32A) |
| Charge Protocol | Mode 3 | |
| Overload & Fault Current Protection | Built-in 20A, 30mA Type A RCBO & Built-in 6mA DC Sensitive Device | Built-in 40A, 30mA Type A RCBO & Built-in 6mA DC Sensitive Device |
| Earthing | Built-in TruePEN PME Fault Detection | |
| Input Supply | 16A 230V AC/50Hz (Single Phase) | 32A 230V AC/50Hz (Single Phase) |
| Cable Terminals | 3x 16mm | |
| Standby Consumption | Approx 0.05kWh per day | |
| Certifications & Compliances | EV Charging Compliance - EN 61851-1:2019, EN 61851-22:2002<br>Wiring Regulations - BS 7671:2018<br>EMC Compliance - EN 61000-6-3:2007+A1:2011, EN 61000-6-2:2005<br>Safety Compliance (LVD) - EN 62369-1:2014, 2014/35/EU (The Electrical Equipment (Safety) Regulations 2016)<br>Environmental Protection - Enclosure IP65, Socket IP54 (BS EN 60529:1992+A2:2013), Enclosure IK10 (EN 60068-2-75:2014)<br>RCBO - IEC 61009-1:2010+A1+A2+A11+A12, IEC 61009-2-2:1991<br>Contactor - IEC 60947-4-1:2018, IEC 61095:2009<br>RoHS - 2011/65/EU (The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012)<br>REACH - 1907/2006 (UK REACH) | |
| Dimensions | 179mm x 367mm x 142mm (W x H x D) | |
| Unit Material | Polycarbonate (Cut Fit-Up) | |
| Operating Temperature | -33°C to +50°C | |
| Standard Base Colour | Warm White (Other colours available upon request) | |
| Standard Pod Colour | Green (Other colours available upon request) | |











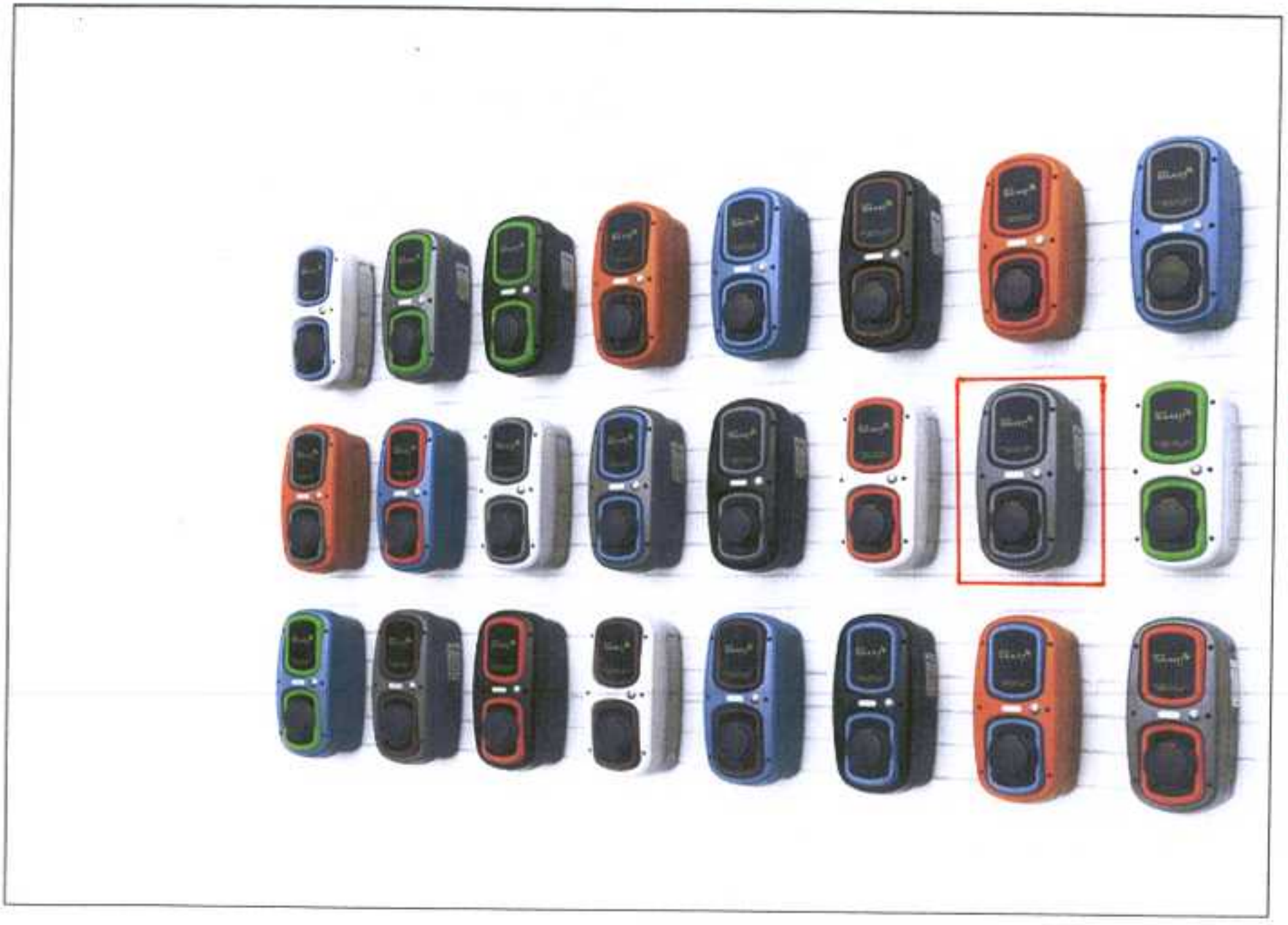
## OPTIONS & ACCESSORIES

- Key switch control charging
- Lockable door to switchgear
- Built-in class 1 **MID** compliant kWh meter
- Built-in time clock providing charge time management
- Corporate branding (colours, logo badge, etc.)
- Amp-Selector key switch (switches between 16A or 32A)
- Charge-By-Solar switch (switches between 6A, 13A, 16A or 32A)
- Charge point signage
- EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)


Head office contact:
t: +44 (0) 1205 724754
f: +44 (0) 1205 724876
hello@rolecserv.co.uk

Rolec Services Ltd
Ralphs Lane, Frampton West
Boston, Lincolnshire
UK PE20 1QU

@RolecEV
/Rolec-Services
www.rolecserv.com



SELECTED MODEL OUTLINED IN RED