WALLPOD:EV

FREE-TO-USE

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

ROLEC
EV Charging

MANUFACTURED IN THE UK



Built-in TruePEN PME fault detection



Unit shown: WALLPOD:EV Socket (Type 2) Charging Unit

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

Type 2 Connector

Colour Options Available

No Earth Rod Required

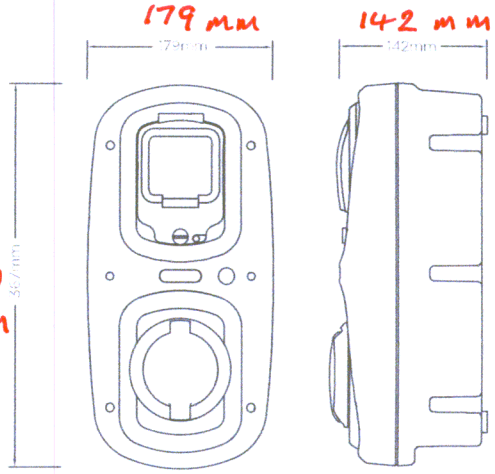
IP Rated & UV Stabilised

IK10 Impact Rating

Flame Retardant

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 Wiring Regulations – BS 7671:2018 EMC Compliance – EN 61000-6-3:2007+A1:2011, EN 61000-6-2:2005 Safety Compliance (LVD) – EN 62368-1:2014, 2014/35/EU (The Electrical Equipment [Safety] Regulations 2016) Environmental Protection – Enclosure IP65, Socket IP54 (BS EN 60529:1992+A2:2013), Enclosure IK10 (EN 62068-2-75:2014) RCBO – IEC 61009-1:2010+A1+A2+A11+A12, IEC 61009-2-2:1991 Contactor – IEC 60947-4-1:2018, IEC 61095:2009 RoHS – 2011/65/EU (The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012) REACH – 1907/2006 (UK REACH) UK CA CE	
Dimensions	179mm x 367mm x 142mm (W x H x D)	
Unit Material	Polycarbonate (303 EP-22)	
Operating Temperature	-30°C to +50°C	
Standard Base Colour	Warm White (Other colours available upon request)	
Standard Pod Colour	Green (Other colours available upon request)	



TruePEN *Safer by design*

- Automatically monitors the supply voltage on both 230V & 240V supplies without the need for any manual dipswitch settings.
- Within 5 seconds in the event of an under-voltage of less than 207V or an over-voltage of more than 253V Live, Neutral & Earth will be isolated.
- Following an under-voltage isolation, TruePEN will automatically reset when normal operating range is restored.
- Following an over-voltage isolation, on the grounds of safety, TruePEN will require a manual reset.

See the TruePEN Overview for details





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)

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SELECTED MODEL OUTLINED IN RED