WALLPOD:EV

HOMESMART EV

Type 1 Or Type 2, Mode 3 Tethered Lead
3.6kW Or 7.2kW

ROLEC
EV

MANUFACTURED IN THE UK

in partnership with

ev. energy

The WallPod:EV HomeSmart is a smart charging unit which has been designed to provide the user with a simple, mobile phone interactive EV charging solution for the home.

The EV driver can control the charging activity of their WallPod:EV HomeSmart unit using their mobile phone, as well as allowing them to monitor / record all their charging activity, data and history.

Available with either a Type 1 or Type 2 tethered lead offering either 3.6kW (16amp) or 7.2kW (32amp) Mode 3 charging speeds.

Unit shown: WALLPOD:EV
HOMESMART EV
Tethered (Type 2) Charging Unit

PRODUCT FEATURES

- Smart charging (see smart features)
- IEC 61851-1 Mode 3 fast charging
- J1772 (Type 1) or IEC 62196 (Type 2) 5m tethered lead & lead holder
- Charging speeds - 3.6kW (16A) & 7.2kW (32A)
- Supplied with external overload and fault current protection (Type A RCBO)
- Built-in DC sensitive protective device
- Built-in LED charging status indicator
- Built-in Class 1 MID compliant kWh meter
- Built-in Modem and roaming sim
- Built-in GPRS communication antenna
- OLEV Grant Fundable under the Electric Vehicle Homecharge Scheme
- Certificated by the BSI as safe to use in the domestic environment
- IP65 Weatherproof & UV Stabilised
- Corrosion resistant, fire retardant & impact resistant design
- CE certified
- OCPP compatible

SMART FEATURES:

⌾ Live Charging Activity
- Charging status
- Stop / start charging
- Smart & boost charging
- Charging notifications

📊 Charging History
- Total energy used
- Historical data
- CO_2 savings

⚙ Advanced Settings
- Off-peak optimisation
- Green charging
- Grid services
- Fleet management

GPRS Connectivity

OLEV Grant Fundable

Mobile App Controlled SMART Charging

Colour Options Available

bsi. British Standards
Safety in the Home Certified

Flame Retardant

SPECIFICATIONS

PHYSICAL

Dimensions	179mm x 465mm x 142mm (W x H x D)
Standard Base Colour	Black (Other colours available upon request)
Standard Pod Colour	Green (Other colours available upon request)
Unit Material	Polycarbonate (303 EP-22)
Operating Temperature	-30°C to +50°C
Certifications & Compliances	BSI Certified - BS EN 60335-1 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 - IP65 (Category 1) Weatherproof BS EN 60529, UL94 Flame Rating at V2 for 1.5mm and 3.0mm

CE
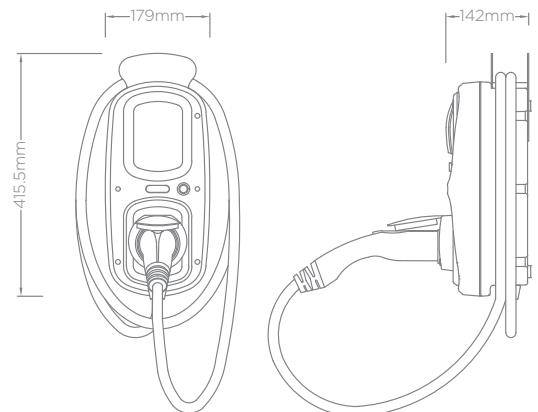
ELECTRICAL

Product Code	EVHS1080	EVHS1140	EVHS2080	EVHS2140
Charging Gun	J1772 (Type 1)		IEC 62196 (Type 2)	
Charging Cable Length	5m			
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	External 30mA Type A RCBO & Built-in 6mA DC Sensitive Device			
	20A	40A	20A	40A
Incoming Cable Terminals	3 x 16mm			
Wireless Communications	GPRS Cellular Data Network Radio Equipment Directive			
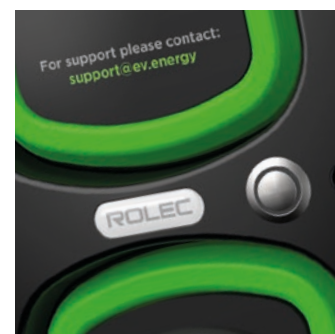
HOMESMART EV

- Built-in modem and high gain GPRS signal antenna
- GPRS communication and Back Office connectivity
- Built-in roaming Sim card connects directly to the strongest signal
- ev.energy Back Office management
- OCPP compatible
- Smart charging control via the ev.energy smartphone app

Download on the App Store   Get it on Google play

OPTIONS & ACCESSORIES

- Corporate branding (colours, logo badge, etc.)
- Wall mounted charging gun holster

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BS 7671
18TH EDITION
REGULATIONS COMPLIANT

EVWPHSTD-01

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