

# 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



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

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.

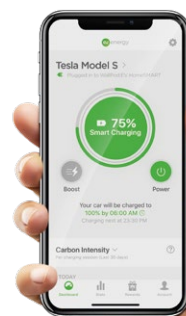
Available with either a Type 1 or Type 2 tethered lead offering either 3.6kW (16amp) or 7.2kW (32amp) Mode 3 charging speeds.

## 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
- IP Rated and UV Stabilised
- Corrosion resistant, fire retardant & impact resistant design
- Easy to install and maintain

### SMART FEATURES:

- Live Charging Activity
  - Charging status
  - Stop / start charging
  - Smart & boost charging
  - Charging notifications
- Charging History
  - Total energy used
  - Historical data
  - CO2 savings
- Advanced Settings
  - Off-peak optimisation
  - Green charging
  - Grid services
  - Fleet management



GPRS  
Connectivity



Grant  
Fundable



Mobile App Controlled  
SMART Charging



Colour Options  
Available



Safety In The  
Home Certified

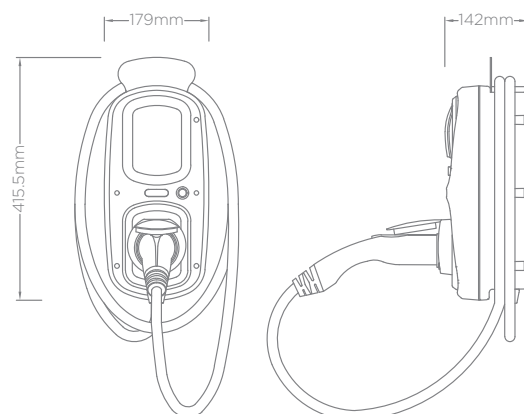


IP Rated &  
UV Stabilised

# SPECIFICATIONS

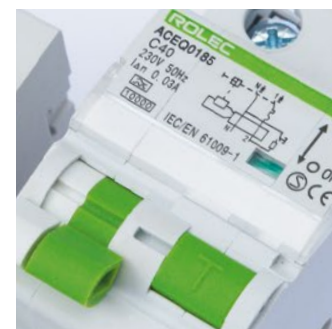
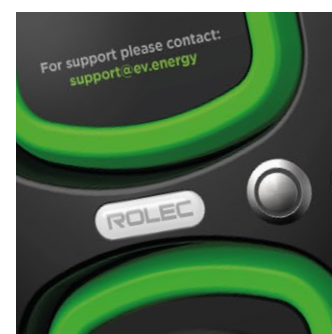
## PHYSICAL

Dimensions	179mm x 415.5mm 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 Enclosure, IP54 Socket UL94 Flame Rating at V2 for 1.5mm and 3.0mm



## ELECTRICAL

Product Code	EVHS1080	EVHS1140	EVHS2080	EVHS2140
Charging Gun	J1772 (Type 1) 		IEC 62196 (Type 2) 	
Charging Cable Length	5m (approx. 4.5m external)			
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
Cable Terminals	3 x 16mm			
Communications	GPRS - Requires a signal strength of 14 CSQ or above			
Standby Consumption	Approx 0.05kWh per day		Approx 0.05kWh per day	



## HOMESMART EV

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



## OPTIONS & ACCESSORIES

- Corporate branding (colours, logo badge, etc.)
- Wall mounted charging gun holster
- High gain, unit mounted GPRS signal antenna
- High gain, remote mounted GPRS signal antenna
- 10m charging cable length (approx. 9.5m external) versions available



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