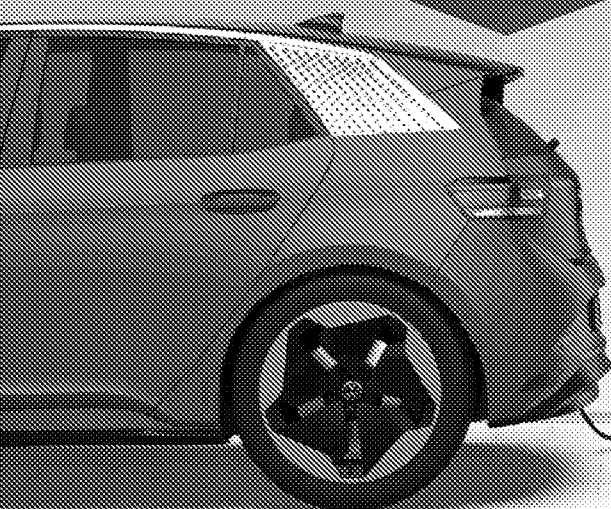


WALLPOD:EV

HOMESMART EV

Universal Socket
3.6kW or 7.2kW



ROLEC

EV Charging

MANUFACTURED IN THE UK



In partnership with

ev energy

Built-in
TruePEN
PME fault
detection



Unit shown: WALLPOD:EV
HOMESMART EV
Universal Socket

The WALLPOD:EV HOMESMART facelift has been designed to provide an easy charging experience for EV drivers, allowing them to recharge their vehicle using their smartphone.

EV drivers can completely control their charging behaviour using their smartphone, whilst also having the ability to monitor their consumption data.

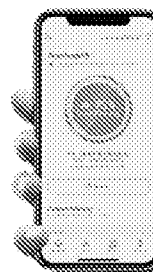
The WALLPOD:EV HOMESMART is complete with built-in **TruePEN** PME fault detection, eliminating the requirement for earth electrode/rods. This charging unit is also integrated with dynamic electrical load balancing which adjusts the rate of charge to prevent overloading the home's electrical supply.

PRODUCT FEATURES

- Smart charging (see smart features)
- Mode 3 (IEC 61851-1) fast charging
- Universal charging socket
- 3.6kW (16A) & 7.2kW (32A) charging speeds
- Built-in **TruePEN** PME fault detection, no earth electrode/rod required
- **Dynamic load balancing** – automatically protects the house fuse (Locally configurable to suit house supply, CT clamp & 5m cable included)
- Built-in DC sensitive protective device
- Built-in LED charging status indicator halo
- Built-in Class 1 MID compliant kWh meter
- Built-in Modem and roaming sim
- Built-in GPRS communication antenna
- IP Rated & UV Stabilised
- Corrosion resistant, fire retardant & IK10 impact resistant design

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**
 - Tariff optimisation
 - Green charging
 - Grid services
 - Fleet management



See the HOMESMART EV Overview for details



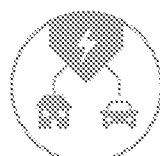
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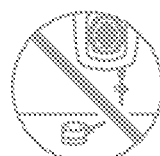
GPRS
Connectivity



Mobile App Controlled
SMART Charging



Dynamic Load
Balancing



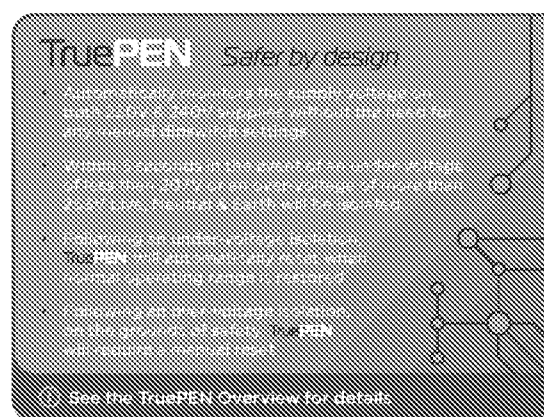
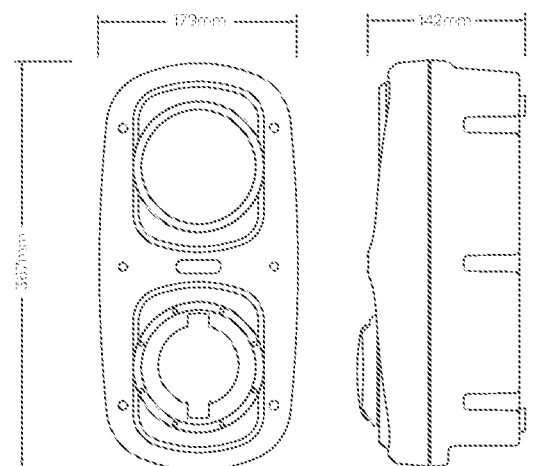
No Earth Rod
Required



IP Rated &
UV Stabilised

SPECIFICATIONS

Product Code	EVHS4010G	EVHS4020G
Charging Socket	Type 2 (IEC 62196) 	
AC Charging Output	3.6kW (16A)	7.2kW (32A)
Charge Protocol	Mode 3	
AC Overload & Fault Protection	A dedicated 30mA Type A RCBO or equivalent protection is required at source (see options below)	
DC Fault Protection	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	
Communications	GPRS (Recommended signal strength of 14 C/S% or above)	
Standby Consumption	<5W	
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 Communications - 2014/53/EU Environmental Protection - Enclosure IP65, Socket IP54 (BS EN 60529:1992+A2:2013), Enclosure IK10 (EN 60068-2-75:2014) Contactor - IEC 60947-4-1:2018, IEC 61095:2009 Marking - 2014/32/EU RoHS - 2011/65/EU REACH - 1907/2006	
Dimensions	179mm x 367mm x 142mm (W x H x D)	
Unit Material	Polycarbonate (303 EP-32)	
Operating Temperature	-30°C to +50°C	
Unit Colour	Grey (White & Black also available)	



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)
- * Ground mounting post
- * EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)
- * High gain, remote or unit mounted GPRS signal antenna
- * EV consumer units:

EV10010	20A Single Phase EV Consumer Unit with Type A RCBO
EV10015	40A Single Phase EV Consumer Unit with Type A RCBO



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APUR DISTRICT COUNCIL PH/28/22/1



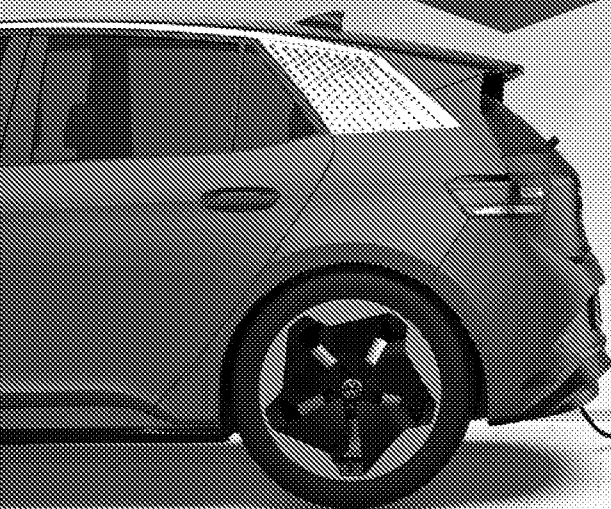
www.rolecserve.com

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WALLPOD:EV

HOMESMART EV

Type 2 Tethered Lead
3.6kW or 7.2kW



ROLEC

EV Charging

MANUFACTURED IN THE UK



In partnership with

ev.energy

Built-in
TruePEN
PME fault
detection



The WALLPOD:EV HOMESMART facelift has been designed to provide an easy charging experience for EV drivers, allowing them to recharge their vehicle using their smartphone.

EV drivers can completely control their charging behaviour using their smartphone, whilst also having the ability to monitor their consumption data.

The WALLPOD:EV HOMESMART is complete with built-in **TruePEN** PME fault detection, eliminating the requirement for earth electrode/rods. This charging unit is also integrated with dynamic electrical load balancing which adjusts the rate of charge to prevent overloading the home's electrical supply.

PRODUCT FEATURES

- Smart charging (see smart features)
- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) tethered lead (available in two lengths) & lead holder
- 3.6kW (16A) & 7.2kW (32A) charging speeds
- Built-in **TruePEN** PME fault detection, no earth electrode/rod required
- **Dynamic load balancing** – automatically protects the house fuse (Locally configurable to suit house supply, CT clamp & 5m cable included)
- Built-in DC sensitive protective device
- Built-in LED charging status indicator halo
- Built-in Class 1 MID compliant kWh meter
- Built-in Modem and roaming sim
- Built-in GPRS communication antenna
- IP Rated & UV Stabilised
- Corrosion resistant, fire retardant & IK10 impact resistant design

SMART FEATURES

Live Charging Activity

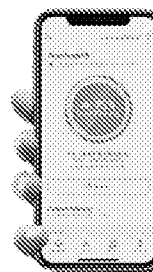
- Charging status
- Stop / start charging
- Smart & boost charging
- Charging notifications

Charging History

- Total energy used
- Historical data
- CO₂ savings

Advanced Settings

- Tariff optimisation
- Green charging
- Grid services
- Fleet management



See the HOMESMART EV Overview for details



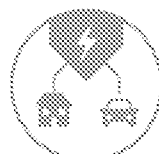
Grant
Fundable



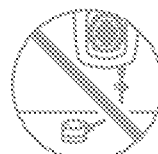
GPRS
Connectivity



Mobile App Controlled
SMART Charging



Dynamic Load
Balancing



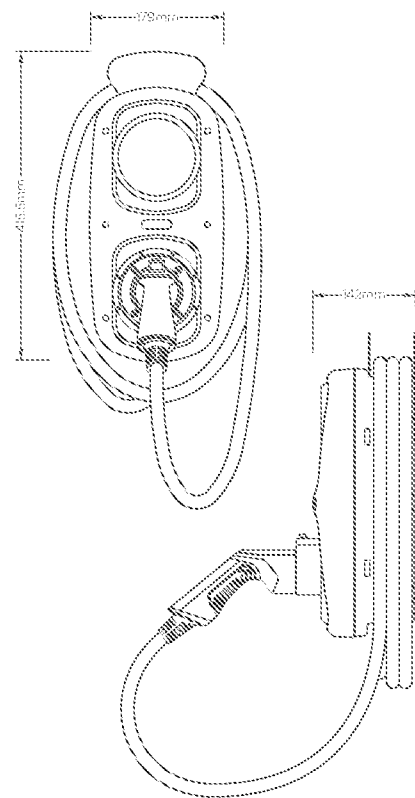
No Earth Rod
Required



IP Rated &
UV Stabilised

SPECIFICATIONS

Product Code	EVHS4080G	EVHS4085G	EVHS4140G	EVHS4145G
Charging Gun	Type 2 (IEC 62196) 			
Charging Cable Length	5m (approx. 4.5m external)	10m (approx. 9.5m external)	5m (approx. 4.5m external)	10m (approx. 9.5m external)
AC Charging Output	3.6kW (16A)		7.2kW (32A)	
Charge Protocol	Mode 3			
AC Overload & Fault Protection	A dedicated 30mA Type A RCBO or equivalent protection is required at source (see options below)			
DC Fault Protection	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			
Communications	GPRS (Requires a signal strength of 14 CSQ or above)			
Standby Consumption	<5.5W			
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 Communications – 2014/53/EU Environmental Protection – Enclosure IP65, Enclosure IK10 (EN 60068-2-75:2014) Contactor – IEC 60947-4-1:2018, IEC 61095:2009 Metering – 2014/52/EU Cables – BS 6004:2012+A1:2020 RoHS – 2011/65/EU REACH – 1907/2006			
Dimensions	179mm x 415.5mm x 142mm (W x H x D)			
Unit Material	Polycarbonate (303 EP-32)			
Operating Temperature	-30°C to +50°C			
Unit Colour	Grey (White & Black also available)			



TruePEN Safer by design

- Automatically monitors the supply voltage in real-time, 24/7, to suppress the risk of fire for any unusual electrical faulting
- Warns operators in the event of an over-voltage of more than 20% or an over-current of more than 100% (the chosen limits will be notified)
- In addition to an LED in the operation, the TruePEN will also continuously ring, if a fault is detected, indicating a high level of risk
- In the event of a fault, the TruePEN will require a manual reset

See the TruePEN Overview for details

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)
- High gain, remote or unit mounted GPRS signal antenna
- EV consumer units:

EVHS4080G	20A Single Phase EV Consumer Unit with Type A RCBO
EVHS4085G	40A Single Phase EV Consumer Unit with Type A RCBO



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APPROVED BY THE ELECTRICAL CONTRACTORS' ASSOCIATION



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2D: V61-R0 WallPod Ev Homesmart TouchFit Type2 Tethered Data Sheet