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**
**OLEV Grant Fundable**
**Mobile App Controlled SMART Charging**
**Colour Options Available**
**Safety In The Home Certified**
**IP Rated & UV Stabilised**
## SPECIFICATIONS

### PHYSICAL

<table>
<thead>
<tr>
<th>Dimension</th>
<th>179mm x 415.5mm x 142mm (W x H x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Base Colour</td>
<td>Black (Other colours available upon request)</td>
</tr>
<tr>
<td>Standard Pod Colour</td>
<td>Green (Other colours available upon request)</td>
</tr>
<tr>
<td>Unit Material</td>
<td>Polycarbonate (303 EP-22)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-30°C to +50°C</td>
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</tbody>
</table>

### 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 61000-6-2:2007, EN 61000-6-3:2005
- 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

<table>
<thead>
<tr>
<th>Product Code</th>
<th>EVHS1080</th>
<th>EVHS1140</th>
<th>EVHS2080</th>
<th>EVHS2140</th>
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</thead>
<tbody>
<tr>
<td>Charging Gun</td>
<td>J1772 (Type 1)</td>
<td>IEC 62196 (Type 2)</td>
<td></td>
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<tr>
<td>Charging Cable Length</td>
<td>5m (approx. 4.5m external)</td>
<td></td>
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<tr>
<td>Rated Output</td>
<td>3.6kW</td>
<td>7.2kW</td>
<td>3.6kW</td>
<td>7.2kW</td>
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<tr>
<td>Rated Current</td>
<td>16A</td>
<td>32A</td>
<td>16A</td>
<td>32A</td>
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<tr>
<td>Charge Protocol</td>
<td>Mode 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input Voltage</td>
<td>230V AC/50Hz (Single Phase)</td>
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<tr>
<td>Overload &amp; Fault Current Protection</td>
<td>External 30mA Type A RCBO &amp; Built-in 6mA DC Sensitive Device</td>
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<tr>
<td>Cable Terminals</td>
<td>3 x 16mm</td>
<td></td>
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<tr>
<td>Communications</td>
<td>GPRS - Requires a signal strength of 14 CSQ or above</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Standby Consumption</td>
<td>Approx 0.05kWh per day</td>
<td>Approx 0.05kWh per day</td>
<td></td>
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</tr>
</tbody>
</table>

### 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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