



THE **SMARTER** CHOICE FOR EV CHARGING AT HOME

Rolec's HomeSmart **EV** has been designed to provide a Smart charging solution for the home. This Smart system offers the EV driver full visibility and control over their EV charging activity.

The EV driver can access their charge point via the app and gain access to remote switching as well as full analytics of their charging session, including kWh consumption, electric miles, savings on CO₂ emissions and even cost benefits against their previous petrol/diesel vehicle.

The charge point offers quick and secure EV charging for an individual EV driver who wants to stay informed and in control. These charge points are also ideal for third party companies who may wish to offer their EV drivers charge points in exchange for charging data or benefit-in-kind calculations*.

*The EV driver, in compliance with GDPR laws, must always consent for their data to be shared with a specific third party company/individual.



A SELECTION OF HOMESMART EV FEATURES



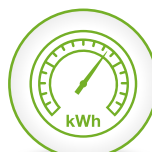
EV Driver
Multi Device Access



Cloud-Based
Back Office



SMART
Integration



kWh
Metering



Analytical
Feedback



Optional Third Party
Charging Data Sharing

EV DRIVER EXPERIENCE

HomeSmart EV is available in the cost-effective and stylish WallPod unit, ideal for private parking environments. Each charging point has a built-in modem and GPRS Sim card or ethernet terminal.

To operate, the EV driver simply creates a free account and links it with the unique ID on the charging point.

- ✓ Compatible with all smartphones, tablets and computers
- ✓ Quick and easy account registration via homesmartev.online
- ✓ Can be ordered and installed within 10 working days
- ✓ Ready to use once installed
- ✓ Dedicated software & technical support
- ✓ Optional automatic charge point power lock-down after cable disconnection
- ✓ Email notifications when charging event has started and stopped

OPTIONAL THIRD PARTY CONNECTIVITY

The increasing number of EV drivers on the road has shown to correlate with the increasing electricity demands within the home environment. As a result, data gathered is passively monitored to ensure all units are always operating safely and not disrupting the home.

The HomeSmart EV system, managed by UltraSmart, can work with third parties to improve the charging services offered, i.e. by working in partnership with the home's electricity supplier, the charge point could temporarily be switched off or have its power rate reduced to safely manage the home's electricity supplies.

All data produced as a result of the HomeSmart EV system is securely held and encrypted within the UltraSmart database. The core back-office consists of the MS SQL database, which is accessed by a third party with a standard API, compatible with JavaScript, XML, http and PHP language.

Only with the expressed consent of the EV driver/charge point owner will the system allow the specified third party restricted connectivity with the back-office in order to access an individual's charging data, in accordance with GDPR laws.



SYSTEM FEATURES:

-  Start/Stop Charging
-  Variable Charging Speeds (Amps)
-  Unit Charging Status
-  Charging Analytics
 -  Total kWh Used & Total Cost of Charging
 -  Total Electric Miles Travelled & Money Saved
 -  KG of CO₂ Saved
 -  Charging Events & Activity

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