

CASE STUDY

CLIENT

Private Client

PROJECT

Supply and Installation of a Domestic Electric Vehicle Charge Point

SCOPE OF WORK

Survey the domestic property to check electrical compliance. Installation of the Rolec, unit testing and client handover.

DATE

January 2014



DOMESTIC EV CHARGE POINT INSTALLATION

Retroflo received the initial enquiry through the EV section of the website in early January 2014 within 24 hours a member of the EV team contacted the client to arrange a suitable date to conduct a survey. A pre-installation survey was carried out on site to assess and confirm several essential factors:

- That the residence had off-street parking (a grant requirement).
- That the current domestic electrical supply met regulatory requirements.
- The best internal or external installation point for the unit.
- A suitable installation date.

On the appointed date of January 20th a Retroflo engineer undertook the installation of the Rolec wall-mounted charge point. The 16A 3.6Kw Mode 3 model is one of the most economical charging stations on the market and includes a J1772 (type 1) tethered lead connection gun, holster, pin lock and status LED. The unit was situated on an external wall, within close proximity to the parking area. For increased safety all Retroflo EV charge point installations are hardwired to an EV-dedicated line as standard. The installation took approximately 2.5 hours including unit testing. Once the engineer was happy that the unit was fully operational, he then undertook handover, instructing the client on using the unit and getting the most from low tariff electricity periods.