

New Electric Car –Need a charger Installed?

We have been installing Electric Vehicle Home chargers for some time now. We would always advise that you make sure that anyone you place your trust in to install your car charger are trained in EV charger installation as we keep coming up against home charger installations that have the potential to cause serious damage – DC and AC electricity don't mix well! There are significant safety related issues that need to be considered. The information below might be of interest and aid your research. If you can provide your address and contact number, I would be happy to discuss further and provide a detailed quote.

Which charger is right for you? (click on charger logo for link to manufacturers website)

HYPERVOLT

pod POINT
Charging your Electric Car

myenergi

easee®

ANDERSEN



JM Electrical is an approved EV charge point installer. We only install chargers that we know work. Minimum hassle for you, and to give you peace of mind, all our installations are covered for 3 years by QANW Workmanship warranty scheme.



Premium Installation is typically £495 plus the cost of your chosen charger and its ancillaries (£350 -£800)

- 1) Smart Home Charger fitted to external house wall.
- 2) Within 5m of Main Fuse Board
- 3) Surface Mounted cable clipped flush to wall
- 4) Entry through Standard brick and block cavity external wall
- 5) DNO notification (electricity grid operator in the region)

Superior Installation is typically £950 (In addition to Standard installation you get:) + cost of charger chosen

There are many safety aspects to consider such as earthing and RCD selection, to prevent risk of electrical fires due to overloading main house supply and main Fuse. In addition, if you get it wrong and there is a fault, it could prove fatal or damage a very expensive new electric car.

- 1) Separate Sub Supply Board (Safe isolation of the Installation from your Main Board)
- 2) Surge and Type A RCD protection (protect your new EV car)
- 3) Active Load Management
- 4) Ultra EV cable

Cable can be routed underground at additional cost; we only use steel wire armour cable for this. If you wish a more detailed quote, please let me know which charger you wish to install and complete as much of the following questionnaire as possible. Photos can be emailed or sent to WhatsApp (07826 855080).

Domestic EV Charge Point Installation

Required Photos

- 1) **Electricity meter** – A wide shot showing meter and surrounding wiring.
- 2) **Main Fuse Board** – Both a wide shot showing fuseboard and surrounding wiring and a close up of the Fuse/RCD contained within the fuseboard.
- 3) **Additional Fuse Board (if applicable)** - Take a wide photo of any additional Consumer Boards for example in outbuildings or garage.
- 4) **Water Supply Earth** - Take a photo of the Earthing arrangement at origin of supply - normally the stop cock.
- 5) **Gas Supply Earth** - Take a photo of the Earthing arrangement at origin of supply - normally the gas meter.
- 6) **Desired EV Charge Point location** - Take a wide photo to illustrate the desired location for mounting your EV Charge Point (i.e. on side of house, inside/outside garage etc)
- 7) **Proposed Route** - Attach photos of proposed route.

Route Description

Write a brief description of the proposed supply cable route from Fuse box/consumer unit to desired mounting place:

Route Description:

Supplementary Questions

Distance from Charge Point location to point of electricity supply	Up to 5m		6-10m		10m+
Is the wifi strength, at the point of EV Charge Point location, adequate? (use your phone at EV point and check number of bars)	1bar	2bars	3bars	4bars	5bars
Do you need a separate EV Charge cable? If yes	5m	8m	10m	12m	15+
Do you have solar panels?	Yes		No		
Is 4G available?	Yes		No		
Do you have a looped Supply? A looped supply is where the electricity supply to your property is connected to the supply of a neighbouring property.	Yes		No		
Is your electricity supply 3-phase or t phase (Most domestic properties are single phase)	Yes		No		

You could be eligible for the OZEV EV or Energy Savings Trust charge point grant?



Grants are continually changing. Its best to check the links above for the latest position and information.

Please note that your installer must be approved by both Energy Saving Trust AND OZEV.

JM Electrical Green Energy are experienced in all aspects of electrical energy and renewable technologies. We are certified MCS installers for Solar PV and Battery Storage solutions. We are also OZEV-approved EV Charge point installers and adhere to the RECC and EVCC codes of practice. Qualified and trained in all the latest techniques and products; you can be assured our workmanship and customer service will always be the best.

Call now to discuss any other electrical needs!