



# Getting a Home Charging Point Installed

To charge your new Electric Vehicle, you may wish to install a charging point at your home. Typically these will be 7kW 'fast' chargers. To do this you will need to appoint a charge point installer to carry out the work.

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There are a number of different charging units suitable for residential use. Typically the units are wall-mounted and available with a tethered Type 1 or Type 2 cable, which can be plugged straight into the car. If you select an untethered cable, then the EV charging cable will not be permanently fixed to the charging point.

Your installation company will go through the options available and relevant costs.

## Tethered



Tethered wallbox chargers come with a permanent charging cable installed.

## Untethered



Untethered wallbox chargers do not have a permanent fixed charging cable installed.



## How much does a charging point cost?

Pricing can vary depending on the type of charge point you get installed. Typically, costs range from £600-£850 for a 3kW unit and £800 and £1,200 for a 7kW unit. Some providers may also offer further discounts and some utility companies offer energy plans and tariffs that include free or discounted charge point installations.



## Do you live in a flat or rental accommodation?

Providing you have primary use of an eligible electric or plug-in vehicle, you could receive up to 75% contribution for the total capital cost and installation of a domestic charging point. This is currently capped at £350 including VAT and you can claim one charge point unit per eligible vehicle.

The scheme is open to:

- Homeowners who live in flats
- People in rental accommodation (flats and single-use properties)

To be eligible you must qualify for the Government's EV Chargepoint Grant.



## How to arrange a home charging point

1

Contact one of the companies who offer this installation or Tusker can provide details of a charge point partner.

2

The charge point installation company will contact you to arrange an online suitability survey to ensure your home is able to have a charging point installed.

3

Once the installation company has all of the necessary information they'll let you know if a standard installation is possible, or provide the cost for any additional work that's required.

4

The installation company should contact you to arrange installation and arrange any payment.

## The suitability survey

Most properties in the UK which are ten years old or older, are not typically immediately compatible with home charge point equipment. To proceed with a standard installation without prior alterations being necessary, your chosen installer will contact you to understand if your property can meet the following criteria:

The suitability survey will also identify if you need any remedial work like a new isolation switch, an earth plate or ground works which can be arranged. Depending on what extra work is required, any additional costs should be explained by the installation company.

- 1 A single electricity supply rated at least 80a
- 2 Connected 10mm equipotential bonding
- 3 Either, a 100amp dual pole mains isolator or a non-rcd spareway on a main consumer unit, supplied directly by the electric meter - that has switch gear still in circulation.

Is your property suitable for standard installation?



## What does a standard installation include?

**A standard installation package will typically include the following:**

- The fitting of the charge point on a brick or plaster wall, or to another suitable permanent structure by 1 engineer within 3 hours
- Up to 15 metres of 6mm power cable, run and neatly clipped direct to the wall between the distribution board or electricity supply meter and the charge point
- Routing of the cable through a drilled hole in a wall up to 500mm (20 inches) thick, where needed
- The fitting and testing of electrical connections and protections required for the charge point
- One metre of white plastic conduit to conceal interior wiring
- The installation of one earth electrode in the vicinity of the charge point

This assumes that correct electrical connections and protections are available on the property and that no civil works, electrical remedial works or groundworks are required.

**Some conditions and limitations that you need to know about:**

- The charge point must be fixed at a height between 0.75m - 1.2m
- The standard package doesn't include trenching the cable underground or suspending it above ground – this will require a separate quote
- Installers can't run a cable under floorboards or through ducting/ceiling voids/wall voids without a draw cord (to pull the cable through), or if the floorboards have not been lifted. They can't take responsibility for reinstating flooring or other building materials wall voids after the cable has been laid.

Fitting a charge point with one engineer on a brick or plaster wall should take...

**Under  
3 hours**



## Standard installation assessment

**Before a provider can confirm a standard installation they will need some information from you to understand more about where your meter will be installed. This is likely to include:**

- A photo of all fuse boxes within the house, both close up and at a distance with the lid open
- A photo of inside the electric meter cabinet or electric meter area
- A photo of water stop tap and gas meter
- A photo of your off-street private parking
- A photo of your preferred charge point location
- A photo of the front of your property
- A photo of your wireless router, or modem

The installer will then wire the unit from your chosen install location to your fuse box, and wireless router.



If you'd like any more information about getting a home charge point installed, our team are happy to help. Simply contact **0333 400 2020**.

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