

drive green



Home Charge Point Guide

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Home Charge Points

The majority of electric car charging happens at home. Whilst it is possible to keep your car charged up with a standard household plug, it is not quick, convenient, or in some cases not as safe. A dedicated electric car charge-point at your house will typically allow you to charge quicker, safer, and easier. Not only this, but the government offer a £500 grant towards the installation of some charge points.

What is a Chargepoint?

A chargepoint is simply somewhere to charge your EV. All a chargepoint needs to do is take the 240V electricity supply from your house and make it accessible to you through an appropriate connection.

Why do you need one?

There are a few reasons to install a dedicated chargepoint, the key reasons are:

- **To charge quicker**
- **To improve safety**
- **To reduce clutter and increase convenience**



CHARGING RATE OPTIONS:

- **Standard Charging** - 3kW (16A)
- **Fast Charging** - 7kW (32A)
- **Super-Fast Charging** - 22kW (32A three phase)

Charging Quicker

"A fast charging set-up is the most suitable for the majority of electric car owners"

With a dedicated charger, you are typically able to choose how fast you would like to charge. Most EV drivers will now choose to install a 7Kw Fast Charger at home to reduce charge times. Even a Standard rate charger will be able to charge around 60% faster than a household plug. By upgrading to a 7kW charger, you will be able to charge around 3 times faster. A fast charging set-up is the most suitable for the majority of electric car drivers.

If you are planning to charge using a solar pv array, a system that is able to charge at a lower rate will be more suitable, or better still is smart system that is able to work in conjunction with your solar pv system.

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Home Charge Point Options

As a part of the Drive Green service we will take care of the installation of your home charging point. We are happy to arrange the installation of any brand of charge point you specifically want to accompany your EV, however to make things easier for you we have selected what we consider the best charge points available for a variety of budgets and system needs. We have selected the listed charge points based on the following criteria:

- **Quality and Reliability**
- **Value and Affordability**
- **Aesthetics**
- **Simplicity of Use**
- **Advanced Charging Features and App controls**

There are now an incredible number of options available in the home chargepoint market. The choices below we recommend because they all come from very experienced and reputable manufacturers and they offer something different to the rest of the market.

Value



Rolec Wallpod

Rolec EV make some of the most cost-effective home charge points available in the UK. They also offer customisable features that can make the Rolec chargers adaptable for your personal requirements.

Rolec chargepoints come with the option of fitting a "Amp-Selector Rotary Switch." This enables you to adjust the charging rate (6amp solar/13amp domestic/16amp or 32amp FastCharge.) This can be very useful when trying to make effective use of a solar PV array.

Rolec also allow options such as lockable sockets, built in meters, and a clock/timer. The charger itself is a simple unit that can be ordered with either a Type 2 socket or an attached charging cable.

Note: A Rolec 32A (7kW) charger is the same price as a 16A (3.3kW) charger so we would always recommend upgrading to the 32A charger even if you feel it is more than you require

- **Low cost fast charging**
- **Solar charging suitable**
- **Multiple custom options**
- **OLEV grant approved**
- **3 year warranty**



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Smart



- Online portal with charging insights
- Charge cost monitoring
- 3.7kW - 22kW charge rates
- OLEV grant approved
- 3 year warranty

New Motion Home Fast Smart Charger

The New Motion Home Fast offers everything you need from a home charger in a sleek and simple package. The New Motion chargers can be ordered with a wide choice of charging outputs (Standard 3kW, Fast 7kW, and Superfast 22kW) and with either a Type 2 socket or attached cable for connection.

New Motion is the market leader in the Netherlands and brings its years of experience over to the UK. With over 30,000 chargepoints installed in Europe, New Motion know what they're doing.

This is not only a very sleek and attractive charger, it is also one of the more advanced home chargers in this category. The New Motion online user portal allows for full configuration, management, and insights of your charger.



New Motion's chargers can be customised with one of their four standard colours or you can provide a custom colour sample for seamless integration into your home design. If needed, you can upgrade to a fully controllable Smart charger with features such as RFID user identification, and guest usage meters.



newmotion
charge smart

Solar



- Integrates with solar pv
- maximises use of green energy
- Auto adjustable charge rates
- Made in UK
- 3 year warranty

Zappi - Smart Home Charger for Solar

In many ways Zappi works just like a regular EV charger. Where Zappi stands out is its ability to integrate with grid-tied microgeneration systems, such as wind or solar PV generation.

Zappi comes with two special modes that allow charging to be automatically adjusted in response to on-site power generation and household consumption.

In ECO mode, charging power is continuously adjusted in response to changes in solar/wind production and household consumption. Zappi will ensure that your electric car gets fully charged, drawing power from the grid if necessary.

In ECO+ mode, charge power is adjusted continuously just like ECO mode. The difference with ECO+ is that Zappi will pause charging if too much power is being drawn from the grid. This ensures that charging is as cheap and green as possible, even if this extends charging time.

When required Zappi can be used in Fast mode which allows Zappi to charge your EV as regular 7kW (32A) charger.

The Zappi can be installed without the need for solar or wind. Zappi will work just like any other Fast charger but will allow you to seamlessly add solar in the future. We consider the Zappi a great choice for anyone that may consider more green technologies in the future.

Advanced

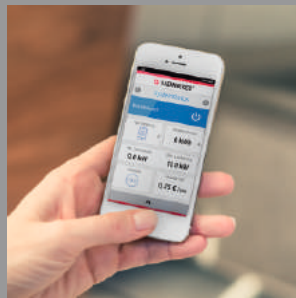


Mennekes Amtron - Smart Home Charging Station

The Amtron Smart Charging System is the most technically advanced and future-proof Charge Station available. It offers everything you need from a home charger in a stylish yet functionally designed package, plus a host of other features that set it apart from other home charging systems.

Mennekes chargers can be ordered with a wide choice of charging outputs (Standard 3kW, Fast 7kW, and Superfast 22kW) and with either a Type 2 socket or attached cable for connection.

The Amtron is wirelessly connected to your home network, and the Mennekes Charge App allows for full and simple configuration, management, and insights of your charger. It also enables you to set time controlled charging profiles to help you benefit from smart meter tariffs.



What really sets the Amtron apart from other charging stations, is it can be connected to your Smart Home Energy Management system, enabling it to be intelligently controlled and integrated into your solar power, and battery storage systems, as well as other home appliances to ensure that always optimize your green energy consumption and minimize your energy costs.

- Online portal and app controls
- Time controlled charging
- Link with Solar PV and Smart home management system
- Stylish and Functional Design
- 3 year warranty



Aesthetic



Andersen A1 - Premium Home Charger

Chargepoints such as the Andersen A1 are on offer for those with properties which require a more aesthetically pleasing addition to the home. Available in a wide variety of colours and even an Accoya wood finish, the Andersen A1 can be integrated into any property with a sense of style.

Designed by British designer Paul Crofts these are 'art meets car charge point' - all about the quality of materials, the attention to detail and the focus on stunning designer looks.

Quality is a key focus with the all important outer casing coming with a lifetime guarantee.

The cable and connector are stored neatly inside the unit and brushes on the cable slot ensure that your cable is always clean before going back in to storage. A charger like the Andersen is proof that everything can be improved with the help of a good designer.

- Bespoke customisable finishes
- Premium quality aesthetic design
- Durable finish with lifetime guarantee
- British design
- 3 year warranty
- Hidden cable

ANDERSEN

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All Our Cars Come With:

- Minimum 10 months MOT
- Unlimited Lifetime FREE Road Tax
- HPI Checked
- Our Exclusive Industry leading specialist EV warranty
- Fully checked and serviced

For Every Client We:

- Register your car for Free Road Tax
- Arrange your Charge Point Installation
- Register you with the Public Charging Networks
- Set-up your charging and EV User Apps
- Arrange finance for you if required

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