



Introduction

Electric vehicles are now part of everyday life, and having a dedicated home charger is the safest, fastest, and most reliable way to charge your vehicle.

While some drivers use a standard 13A plug, this is not suitable for regular charging unless installed on a correctly designed and protected circuit. Regular use of a standard socket can lead to overheating, nuisance tripping, or long-term damage to your electrical installation.

A professionally installed EV charger is designed for continuous use, improves charging speed, and ensures your installation remains safe, compliant, and future-ready.

Before Installation – What Needs to Be Checked

Before any installation, a full assessment is carried out to ensure your system is safe and suitable.

This includes:

- **Electrical supply capacity:** making sure your property can handle the additional load
- **Maximum demand assessment:** checking existing usage on your system
- **Earthing and bonding:** confirming compliance with current regulations
- **Consumer unit suitability:** ensuring safe connection or identifying upgrades
- **Cable route planning:** identifying the safest and neatest installation route
- **Looped supply check:** identifying shared supplies that may require DNO involvement
- **Wi-Fi signal (if required):** for smart charger functionality

Where required, we may request photos or videos to speed up the process.

This assessment ensures the installation is designed correctly from the start - not adjusted after issues arise.

Installation Standards

All installations are carried out in line with current regulations and industry guidance, ensuring long-term safety, compliance, and reliability.

All installations are carried out in line with:

- BS 7671 Wiring Regulations
- UK Smart Charging Regulations

A typical installation includes:

- Dedicated circuit from the consumer unit
- Protection via bi-directional RCBO or RCD
- Surge protection (SPD) where required
- PEN fault protection (built-in or external depending on system)
- Full testing, certification, and notification where required

These measures ensure your charger is safe, compliant, and future-ready.

Choosing the Right EV Charger

There are a wide range of EV chargers available, each offering different features, designs, and levels of control. Choosing the right one is not just about price - it's about how the charger integrates with your property and how you intend to use it.

When choosing a charger, key considerations include:

- **Design and finish** – how the charger looks on your property
- **Smart functionality** – app control, scheduling, and monitoring
- **Energy integration** – compatibility with solar or battery systems
- **Cable type** – tethered or untethered options
- **Build quality and warranty**

We'll help you select the most suitable charger based on your property, usage, and preferences - from straightforward, reliable units to premium, design-led options.

These measures are not optional extras - they form part of a correctly designed EV charger installation.

What's Included in a Standard Installation

A typical domestic installation includes:

- A cable allowance appropriate to your chosen installation package
- Connection to an existing compliant consumer unit
- All required protection devices
- Full testing and certification
- DNO notification where required
- Charger setup and demonstration

This ensures your installation is ready to use immediately, with everything tested, compliant, and clearly explained.

Additional Work (If Required)

Some installations require additional work depending on your property and existing electrical system.

This may include:

- Consumer unit upgrades or a dedicated EV circuit
- Earthing or bonding improvements
- Extended cable runs beyond the standard allowance
- Underground cable routing
- Surge protection installation where not already present
- Additional isolation or protection devices

Any additional work is always discussed and agreed before installation - no surprises. All requirements are identified during your assessment and clearly outlined before any work begins.

Pricing Guidance

Typical domestic installations start from: **£1,000 + VAT**

Final pricing depends on:

- Charger type and specification

- Cable distance and routing
- Existing electrical installation condition
- Any additional compliance work required

Our installations are designed around safety, compliance, and long-term reliability not simply the lowest upfront cost.

All pricing is subject to site survey and based on standard single-phase domestic installations.

Using and Maintaining Your Charger

EV chargers are designed to be low maintenance, but a few simple steps help ensure long-term performance:

- Keep cables clean, dry, and neatly stored
- Avoid tight bending or strain on the cable
- Check occasionally for visible damage
- Report any faults or unusual behaviour promptly

Installation Process

1. **Initial Enquiry** – Tell us about your property and requirements
2. **Pre-Installation Assessment** – We check your system and plan the install
3. **Quotation** – Clear pricing with no hidden extras
4. **Installation** – Carried out neatly and in line with regulations
5. **Testing & Handover** – Fully tested, certified, and explained

Next Steps

If you're considering an EV charger installation:

- **Get in touch** to arrange your assessment
- We'll guide you through the options
- And handle everything from start to finish