

# Installing an Electric Vehicle Charging Point (EVCP) Installation and Specification Guidance

To keep everyone safe and ensure compliance with national regulations, there are specific requirements that must be followed when installing an electrical vehicle charging point at your home.

Once we have granted you permission to install an EVCP, your chosen installer must work to the following standards.

## Key Installation Requirements

### Consumer Unit

- An additional consumer unit must be installed for the EV charger, separate from the main consumer unit controlling circuits for the dwelling this includes a sole Surge Protective device (SPD) in this consumer unit.
- Each charging circuit must be protected by its own device.

### Residual Current Device (RCD)

- A Bidirectional, double-pole RCD must be fitted to protect EV charging circuits.
- The RCD must be the correct type and rating for the installation and comply with the manufacturer's guidance.
- If no guidance is available, a minimum **Type A RCD** must be installed, in line with IET Wiring Regulations BS 7671:2018.

### Cabling

- The charger must be wired in **steel wire armoured (SWA) cable**.
- Alternatively, **EV Ultra Cable (Doncaster Cables)** may be used.
- All cabling must meet BS 7671 standards, including:
  - Correct conductor identification.
  - Adequate support with fire-resistant fixings where needed.
  - Installation within prescribed zones.
  - Consideration of external influences such as direct sunlight.



## **Earthing and O-PEN Protection**

- The charger is required to include built-in O-PEN protection built into the unit.

## **Additional Considerations**

- If your mains supply is a **looped connection**, this must be referred to the Distribution Network Operator (DNO) before work begins so the supply can be upgraded (your provider will be National Grid in most cases, but not always).
- Correct certification and Building Regulations notifications must be supplied once the EV charger installation is complete.

## **Next Steps**

Please share these requirements with your chosen installer before any work begins. This will ensure your EV charger is installed safely, legally, and in line with Platform's standards.

