

Earth EV Installation

Wallbox EV Charger - Scope of Works

1. Installation & Location

- Installation of an EV charger at the customer's preferred location, subject to site assessment and compliance with these terms & conditions.
- Charger installation must be within the same building as the main switchboard.
- Includes mounting of a wallbox charger on a suitable wall or the installation of a portable charger socket (see Portable Charger section).
- Basic surface-mounted conduit or cable clipping where concealment is not practical (no wall chasing).

2. Cable Run Allowance

- Standard installation includes up to 20 metres of power cable from the main switchboard to the charger or socket location.
- Cable runs concealed where practical or neatly installed in conduit.
- Additional cable length beyond 20m will incur an agreed per-metre charge.

3. Electrical Requirements

- The meter box must comply with AS3000:2018.
- Installation includes a Type A RCBO (single-phase or three-phase, up to 40A), matched to the charger load.
- Includes installation of a weatherproof isolator as required.
- Basic switchboard connection to a suitable single-phase or three-phase circuit with available capacity.

4. Smart Functions, CT Clamps & Communication Cabling

- Installation of CT clamps for solar or load-management integration where applicable.
- Includes required CAT6 cabling and terminations for CT/data connections (up to 20m combined with the power run).
- Connection to customer Wi-Fi is included (customer must provide passwords).
- LAN/Ethernet runs beyond CT-related CAT6 are available for an additional charge.

5. Commissioning, Documentation & Handover

- Full testing, configuration and commissioning of the charger or portable outlet.
- Verification of CT clamp operation, solar integration, load control, phase alignment and network connectivity.
- Completion and submission of all required handover documents:
 - Work Order Completion Document, detailing installation methods, materials, cable lengths, test results, and photos (where required).
 - Certificate of Compliance (COC) submitted to the customer and relevant regulatory authority.
 - Installation invoice, itemising labour, materials, and any variations from the standard scope.
- Basic customer onboarding, including app setup and charger walkthrough.

6. Materials Supplied by Contractor

- Licensed electrician to complete the installation.
- Cable supply:
 - Single-phase: up to 10mm² 2C+E
 - Three-phase: up to 10mm² 4C+E
- Type A RCBO (single-phase or three-phase, up to 40A).
- Weatherproof isolator.
- Conduit and accessories sized to the installation.
- All required fixings, saddles, plugs, and hardware.

Portable EV Charger - Scope of Works

This section applies to installations where the customer intends to use a **portable or mobile EV charger** plugged into an industrial socket.

1. Included Works

- Installation of a compliant IPD Series 56 industrial socket outlet, supplied by the contractor:
 - Single-phase portable charger:
 - Typically requires a 32A 240V 56 Series socket (e.g., 56C332).
 - Three-phase portable charger:
 - Typically requires a 20A or 32A 5-pin 56 Series socket (e.g., 56C520 or 56C532).
- Up to 20m of appropriately sized cable from the switchboard to the socket location.
- Installation of a weatherproof isolator.
- Installation of a Type A RCBO sized to charger load (20A–32A single-phase; 20A–32A three-phase).
- Conduit or concealed cable routing where practical.
- Testing and commissioning of the socket outlet.
- Submission of all compliance documents (COC + work order completion report + invoice).

2. Materials Supplied

- IPD Series 56 socket (correct rating).
- Appropriately sized cabling (up to 10mm²).
- Conduit, fittings, isolator, RCBO, fixings and all hardware.

Exclusions (Additional Charges May Apply)

- Electrical or Structural Adjustments
- Switchboard upgrades, main supply upgrades, asbestos meter panel removal or replacement.
- Earth bonding or earth stake upgrades.
- Any works required to bring a non-compliant switchboard up to AS3000:2018.
- Complex Installation Conditions
- Cable runs exceeding 20 metres.
- Routing through roof cavities, tight access areas, under-house pathways, or multi-storey runs.
- Core drilling, trenching, or concrete cutting.
- Installation on non-standard structures or stand-alone charger mounts.
- Any works requiring elevated work platforms (EWP) or special access equipment.
- Technical & Smart Features
- Full LAN/Ethernet cabling (beyond CT-related CAT6).
- Dynamic load management systems requiring additional hardware beyond CT clamps.
- Specialised or industrial protection devices outside the standard RCBO specification.

Other

- Relocation or removal of existing chargers or sockets.
- Travel outside normal service areas.
- Any item not specifically listed in the Standard Scope of Works.