

Easy Residential Charger Kit





Simple to install. Easy for homeowners to use.

The PowerCharge® Easy Residential Charger Kit gives electrical contractors a **complete, ready-to-install solution** for homeowners looking to add EV charging at home.

Designed to simplify residential installations, this all-in-one kit helps contractors reduce sourcing time while delivering homeowners a reliable, user-friendly charging experience. With essential installation components included and simple everyday functionality, this kit makes residential EV charger installs faster, cleaner, and more efficient for both contractors and their customers.

DESIGNED FOR FAST RESIDENTIAL INSTALLS

- Complete kit helps reduce sourcing multiple components
- Streamlined installation for residential projects
- Simple setup with minimal configuration required
- Open-access charging allows homeowners to plug in and charge immediately
- Optional RFID access included for added flexibility when needed
- Easy-to-read display simplifies homeowner usage after installation

Complete Install Kit includes:

- 48A EV Charger (Level 2)
- J1772 **or** NACS connector
- 25-foot charging cable
- 24-inch NEMA Cable Whip
- Socket
- J-Hook
- Nema Plug

Wi-Fi Connectivity

Wi-Fi capability gives homeowners added convenience while maintaining a simple user experience.

PRODUCT SPECIFICATIONS

| American Standard AC EV Charging Specifications | | | | | | |
|---|---|----------------------------|---------------------|----------------------|-----------|----------------|
| Category | Specifications & Parameters | | | | | |
| | Model | Rated input/output voltage | Rated input current | Rated output current | Max power | Charge coupler |
| Power Specification | PC-EC48-01 | 208/240VAC 60Hz | 48A | 48A | 11.52kW | SAE J1772 48A |
| | PC-EC48-02 | 208/240VAC 60Hz | 48A | 48A | 11.52kW | SAE NACS 48A |
| Power Wiring | Hardwired via pigtail :L1/L2/PE L/N/PE | | | | | |
| Communication | RS485 | | | | | |
| User Interface & Control | RGB LED light | | | | | |
| | Power option switch | | | | | |
| | Reset switch | | | | | |
| | RFID enable switch | | | | | |
| Firmware Upgrade | Local update possible | | | | | |
| User Authentication | RFID [supports ISO14443-compliant type A, mifare one (MF1) cards] | | | | | |
| Memory | Flash Rom(16M-byte) | | | | | |
| Real Time Clock | Supercapacitor | | | | | |
| Protection Function | CCID20 | | | | | |
| | Over voltage protection | | | | | |
| | Under voltage protection | | | | | |
| | Over-current protection | | | | | |
| | Overload protection | | | | | |
| | Ground protection | | | | | |
| | Over-temp protection | | | | | |
| | Surge protection 6 kV @ 3,000A | | | | | |
| | Fault self-test | | | | | |

PRODUCT SPECIFICATIONS

| | |
|----------------------|---|
| Environmental | Enclosure protection: type 4,IK08 |
| | Operating temperature: -30 ~ 50°C(-22~122°F) |
| | Storage temperature: -40 ~ 75°C(-40 to 167°F) |
| | Humidity: up to 95%, non-condensing |
| | Altitude: ≤2000m |
| | Cooling method: natural cooling |
| Mechanical Parameter | Net weight: 5.7 KG(Hardwired via pigtail) 6.3KG (NEMA 14-50P) [Weight based on 25ft cable length] |
| | Product outline size: H*W*D (274.66 mm *178.73 mm *115 mm) |
| | Cable length: 25 ft or customization |
| Regulation | Safety regulations: ETL(UL2231 UL2594 UL1998 UL991) |
| | Energy efficiency: Energy Star (Requirements for Electric Vehicle Supply Equipment (EVSE) Version 1.0, 1.1 and 1.2) |
| | Wireless certificate: FCC / IC |
| Warranty | 2 Years *Parts Only |

PowerCharge® is designed to simplify EV charging while delivering the performance today's EV owners expect. Whether you're installing at a home or supporting multiple users, this solution offers the right balance of speed, security, and ease of use.

