

EasyCharge Residential Kit





Simple to install. Easy for homeowners to use.

The PowerCharge® EasyCharge Residential 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. Featuring powerful 11.52 kW Level 2 charging output and available with either a J1772 or NACS connector, the kit includes the essential installation components needed to make 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
- Holster

Wi-Fi Connectivity

Wi-Fi connectivity gives homeowners added convenience while keeping everyday charging simple.

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-Year Limited Warranty (Parts Only)

The PowerCharge® EasyCharge Residential Kit is designed to simplify EV charging while delivering the performance today's EV owners expect. This solution offers the right balance of speed, security, and ease of use.

