



## Level 2 Electric Vehicle Charger Residential

# AC4500

10 kW  
40 Amps



Adjustable Amperage delivering up to 10 kW 40 amps to any EV

### Features

- ✓ **Compatibility:** Standard J1772 (Type 1) connector that can charge any electric vehicle on the road.
- ✓ **Compact design:** Easy installation, wall mounted, or pole mounted.
- ✓ **Safe and Reliable:** AC4500 stations are UL listed, meeting the stringent requirements of the nation's leading safety standards organization.
- ✓ **Hardware:** AC4500 stations are rugged waterproof IP65 rated they can be installed outdoors or indoors, built to withstand the elements.
- ✓ **OCPP Networked Charging:** Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

## Input Cord

## Nema 14-50

AC Power Input Rating 208/240V AC 50/60HZ  
SAE standard  
AC Level 2

AC Power Output Rating (Adjustable) 10kW /40A  
7kW /32A  
3.5kW /16A

Required Service Panel Breaker Dedicated Dual Pole  
50A (40A station)  
40A (32A station)  
20A (16A station)

Power Wiring 3 Wire - L1, L2 plus ground  
Connector Type SAE J1772 (Type 1)

## User Interface & Control

Charging Control Plug & Play or RFID Card  
Indicators Power/Connect/Charging/Fault/Wi Fi  
External Communication Wi-Fi, Ethernet  
OCPP Protocol OCPP 1.6J

## Safety and Operational Ratings

Storage Temperature -40 to 75 °C (-40 to 167°F) ambient  
Operating Temperature Operating -30 to 55°C (-22 to 131°F) ambient  
Humidity Up to 95% non-condensing  
Cooling Method Natural Cooling  
Safety and Compliance UL and cUL listed

## Protection

Electrical Enclosure	Type4	CCID20	Yes
Over Voltage Protection	Yes	Under Voltage Protection	
Over Load Protection	Yes	Short Circuit Protection	
Earth Leakage Protection	Yes	Ground Protection	
Over-Temp Protection	Yes	Surge Protection	

## Mechanical

Dimension (HxWxD) 12.2 x 8.6 x 3.7  
Weight 7Kg  
Charging Cable Length 7.5m ( 25 feet )  
Enclosure Material PC+ASA