

AmpForce EV Smart Chargers

The AmpForce L2 EV Charger is a stylish and user-friendly charging solution with a Type 1 connector (J1772) and smart app integration for easy installation and use. It offers intelligent load management and seamless PV Integration for optimized energy usage. It comes with top notch safety features and it is dustproof and waterproof to ensure a long product life in any environment.

Fast Charging: It can charge a Model S from 0% to 100% in 8.5 hours, when charging at the maximum 12kW. This is approximately 80 km of range charged in one hour (exact numbers will vary based on the EV and battery).

US Standard



10kW

12kW



Flexible Options

- Wall-mount/pole-mount
- Hardwired/NEMA plug
- Multiple charging modes

Environmentally Friendly

- Energy Star certified
- Eco-friendly enclosure materials

High Reliability

- Anti-welding coating protection
- NEMA 4 dustproof and waterproof design
- CCID 20 leakage current protection
- UL listed and CSA certified

Smart Operation

- Multi communications (Wi-Fi/Bluetooth/Ethernet)
- Dynamic load balancing
- PV compatible
- Scheduled charging

Working Environment

- Operating Temperature: -30 ~+50
- Humidity: 5%~95%
- Altitude: <2000m



AmpForce EV Smart Chargers - Level 2 50A, 12kW, Load Distributed

Datasheet	Model	AC010K-AU-35	AC012K-HU-35
Electrical Specification	Power Supply	L1+L2+G	
	Rated Voltage	240VAC	
	Max Current	40A	50A
	Frequency	60Hz	
	Max Power	10kW	12kW
Basic Attributes	Wiring Type	NEMA 14-50P	Hardwired
	Cable Length	7(23 feet)/5m(25 feet)	
	Enclosure	PC	
Interactive Interface	Installation	Wall-mount/Pole-mount(Optional)	
	LED Indicator	Green/Yellow/Red	
	RFID Reader	Mifare ISO/IEC 14443 A	
Communication	Start Mode	Plug to play/RFID Card/App	
	Wi-Fi & Bluetooth & Ethernet	Standard	
Safety	OCPP	OCPP 1.6 Json	
	Leakage Current Protection	CCID 20	
	Enclosure Rating	NEMA 4	
	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over temperature protection	
	Certification	UL/FCC/Energy Star	CSA/FCC/Energy Star
	Certification Standard	UL2594 UL2231-1 UL2231-2 FCC Part 15B	
Working Environment	Warranty	2 Years	
	Operation Temperature	-30°C ~+50°C (-22 °F ~122 °F)	
	Work Humidity	5%-95%	
Package	Work Altitude	≤2000m	
	Product Dimension	344*192*101mm(H*W*D)	
	Net Weight	6.3kg	5.5kg
Package	Gross Weight	8kg	6.5kg
	External Package	Carton	

