

EVBAR 40Amps AC Level 2 Charger

Welcome to the EVBAR AC family, offering a diverse range of Level 2 AC Electric Vehicle (EV) charging stations, including both single and dual port options. Our chargers provide adjustable charging capacities of up to 80A, catering to your specific charging needs.



Power Specifications

Standby Power	<10W
Output Power (kW)	9.6kW Adjustable to 7.6kW/3.6kW
Output Amperage (A)	40A Adjustable to 32A/16A
Input/Output Nominal Voltage	208VAC/240VAC
Input / Output Voltage Range	180VAC to 264VAC
Input / Output Frequency	50-60Hz
Input Wiring Type	Hardwired
Input Wiring Scheme	L1, L2, GND
Power Measurement Accuracy	Embedded meter with a $\pm 1\%$ accuracy at the nominal input
Surge Protection	Up to 6kV at 3,000A

Functional Specifications

Charge Connector Type	SAE J1772
Charge Cable Length	25 ft.
Demand Response	Yes—OpenADR 2.0b
Status Indicator	LED and Audio
User Interface	LCD, 4.3", Color, 800x480
Access Control	Contactless Reader: RFID Cards Smart Credit Cards ² : Visa, Master Card, Discover, American Express

Network Specifications

Local Area Network (LAN)	2.4GHz Wi-Fi (802.11 b/g/n)
Wide Area Network (WAN)	2G, 3G, and 4G LTE Support
Network Interface	OCPP 1.6J, Upgradeable: OCPP 2.0, OCPP 2.0.1
Mounting Type	Pedestal or Wall Mount

Safety & Compliance Specifications

Ground Fault Detection	CCID20, 20mA per UL 2231, Automatic Reset Feature and Manual Reset Feature
Ground Monitor	Ground Monitor per UL 2231
Safety Compliance Protection	UL and cUL, ETL, NEC Article 625, RoHS, Over-Voltage Protection (OVP), Under-Voltage Protection (UVP), Over-Current Protection (OCP), Over-Temp Protection (OTP), Short-Circuit Protection UL approved input fuses (built in) short circuit rating
ADA Compliance	Yes
Energy Star Certified	Yes

Operational Specifications

Enclosure Rating	NEMA Type 3R Indoor/Outdoor
Operating Temperature	-30°C to +50°C (-22°F to +122°F)
Operating Humidity	0 to 95% Relative Humidity, Non-Condensing
Product Dimensions	14.2"x9.8"x3.9"