EV-CHARGER

Model No. EVCA-48A-C

Introducing the EVCA-48A-C, the ultimate commercial EV charging solution that redefines performance and style. Tailored for businesses and public spaces, the EVCA-48A-C delivers flexible charging capabilities with adjustable amperage from 8 to 48 amps, equivalent to 1.92 kW to 11.52 kW, catering to a diverse range of commercial EV needs. The EVCA-48A-C stands out with its modern, minimalist design, seamlessly integrating into any comAmercial setting. Beyond aesthetics, it features our signature 3-layer housing for enhanced durability and ease of maintenance, a step above the standard 2-layer housing commonly offered in the market. For added convenience, the commercial model offers the option to purchase high-quality pedestals, elevating the user experience and cable management. With FCC and ETL certifications, the EVCA-48A-C not only meets but exceeds safety and quality standards, also qualifying for energy rebates. Opt for the EVCA-48A-C to provide your clients and customers with a top-tier, reliable, and visually striking charging station.

48 Amp
Max Current

8-48 AMP — Current Adjustability

25ft — 25ft Type Plug

Wi-Fi / Bluetooth Enabled

eMobility Hub

hard wire

J1772 Type Charger head

3 layer housing

Power Specification

AC Input	208-240V
Frequency	50/60 Hz
Max Current	48 Amp
Max Output	11.52 kw
Current Adjustability	8 Amp ~ 48 Amp
Output Adjustability	1.92 kw ~ 11.52 kw

Communication

Network Interface	LAN, Wi-Fi and Bluetooth
Communication Protocal	Euri eMobility Hub - 2.5" Screen UI

Mechanical

IP/IK Level	IP54 & IK10
Cabinet Dimension	7.48"(W) x 12.50"(L) x 3.54"(H)
Weight	12.54 lbs
Cable Length	25ft
Wire Connection Type	Hardwire

Protection

Multiple Protection	OVP(Over Voltage Protection), OCP(Over Current Protection), OTP(Over Temperature Protection), UVP(Under Voltage Protection), SPD(Surge Protection Detection), Grounding Protection, SCP(Short Circuit Protection), Control Pilot Fault, Relay Welding Detection, CCID Self-test

User Interface & Control

Display	2.5" Digital Screen
User Authentification	RFID (ISO/IEC 14443 A/B) - 2 unit, Euri eMobility Hub

Environmental Condition

Operating Temperature	-22°F ~ 122°F
Humidity	5%~95% RH, Non-condensing
Altitude	≤ 2000 lm, No Derating

Regulation

Safety Qualifications	UL 2594, UL 2231-1, UL 2231-2
Certifications	ETL, FCC
Charging Interface	SAE J1772 Type 1

Accessories

Accessories	External Charger Head Hanger, Installation Template

Color

Color	White / Black

Available Options

Charger head	NACS (Tesla Charger head), Mennekes type 2 (EU Spec)
Accessories	RFID card for user authentication (2 units)
Network	4G Service Providing
Pedestals	Base - 1 charger holder, Base - 2 charger holder, Premium - cable management feature

Mechanical Specifications

Product Layers

- Front Casing
- Middle Waterproof Casing
- Waterproof Rubber Circuit
- Middle Casing
- Mainboard
- Bottom Casing
- Input
- Output

Key Benefit

- Ensured Safety 3 Layer
- Easy Maintenance
- Reduced Cost of Maintenance
- Simple Power Wire Management

Pedestals

Product Details

- 2.5" Digital Screen
- Lan Enthernet
- Input Cable
- Output Cable

2.5" Digital Screen

- **Idle**

  Live Time

  Internet Connectivity (WiFi/4G)

- **Charging**

  Live Energy Consumption

  Live Output Power (current)

  Live Charging Time Spent

- **Lan Ethernet**

  Diagnosis

  Configuration/Update

Product Color

Black   **White**