BOÖTES-48

Networked commercial Level 2 EV charger, 48 A

For workplaces, fleets and multifamily sites. Non-monetized: access by RFID and app.

BOÖTES-48 is the value-tier networked commercial charger: 11.5 kW per port, RFID access control for staff, tenants and fleets, and eMÖTEN CMS included on MÖTEN chargers.

Key specifications

MAX OUTPUT **11.5 kW per port**	CONNECTOR **SAE J1772, 25 ft cable**	ENCLOSURE **IP65, IK08**
ACCESS **RFID and app**	NETWORK **OCPP 1.6, 2.0.1 ready**	CMS **$0 subscription**

Payments

Non-monetized. Control who charges with RFID cards and the eMÖTEN app.

Software

eMÖTEN CMS included on MÖTEN chargers, with a $0 CMS subscription on MÖTEN chargers. eMÖTEN Power load management shares the available circuit capacity across chargers. OCPP 1.6, 2.0.1 ready.

BOÖTES-48 technical specifications

Max output	11.5 kW at 48 A per port
Input	208 to 240 V AC, 50/60 Hz, single-phase (split-phase)
Circuit breaker	60 A at the 48 A setting
Connector	SAE J1772 (Type 1); NACS vehicles via adapter, sold separately
Cable	25 ft with holster
Configurations	Single; Single + Cable Retractor; Single + Pedestal; Dual + Pedestal (Back-to-Back, Side-by-Side, Wire Management). Pedestal-mounted systems ship as separate chargers and pedestal and are sold together as one system.
Access	RFID and eMÖTEN app
Connectivity	Wi-Fi; OCPP 1.6, 2.0.1 ready
Protection	Under- and over-voltage, RCD (CCID 20), surge, ground fault, over-current, over-temperature and control pilot fault protection
Enclosure	IP65, IK08; indoor or outdoor; wall-mounted with bracket
Operating temperature	-30 °C to +50 °C (-22 °F to 122 °F)
Humidity	Up to 95%, non-condensing
Altitude	Up to 6,561 ft (2,000 m)

Dimensions	7.1 x 7.1 x 3.7 in; 13.1 lb net
Shipping box	17.7 x 17.7 x 6.3 in; 15.5 lb

Current setting (DIP switch)

Set by a qualified electrician to match the circuit. The breaker must be rated for the setting, for example 48 A on a 60 A breaker.

SWITCH	CURRENT	POWER AT 240 V	BREAKER
0	16 A	3.8 kW	20 A
1	32 A	7.7 kW	40 A
2	40 A	9.6 kW	50 A
3	48 A	11.5 kW	60 A

Certifications

ETL certified to UL 2594 and UL 2231 · FCC

Warranty

2-year manufacturer warranty, extendable to 5 years (2 + 3) or 10 years (2 + 8) in total. Extended warranty available for purchase.

Installation

Hardwired by a qualified electrician. Mount up to 4 ft (1.2 m) above the ground; about 4 ft is recommended. Your local inspector (AHJ) approves each installation.

Shipping

Free shipping anywhere in the United States. Ships in 3 to 7 business days.

Ready to order BOÖTES-48? Talk to our team or request a quote.
Product page: evfc.com/product/bootes-48s/
Request a quote: evfc.com/quote/ · 1 (888) 528-7582