PHOENIX

Paid Level 2 EV charging station with QR code payments, up to 19.2 kW

For retail, hospitality and public sites that want a full payment experience. Monetized.

PHOENIX is the retail-grade public Level 2 charger: secure card payments by QR code (card, Apple Pay, Google Pay), a status display, a 25 ft cable and up to 19.2 kW per port, with ENERGY STAR certification.

Key specifications

MAX OUTPUT **19.2 kW at 80 A**	PAYMENTS **Card by QR code**	DISPLAY **Status display**
ENCLOSURE **IP65, IK08**	NETWORK **OCPP 1.6, 2.0.1 ready**	CERTIFIED **ENERGY STAR**

Payments

Secure card payments by QR code: drivers scan the code and pay by card, Apple Pay or Google Pay on their phone. No payment terminal. RFID and the eMÖTEN app also start sessions.

Software

eMÖTEN CMS included on MÖTEN chargers, with a $0 CMS subscription on MÖTEN chargers. Set pricing in eMÖTEN CMS; eMÖTEN Pay, the settlement layer in eMÖTEN CMS, pays revenue to you monthly. eMÖTEN Power load management. OCPP 1.6, 2.0.1 ready.

PHOENIX technical specifications

Max output	11.5 kW at 48 A, or 19.2 kW at 80 A, per port
Input	208 to 240 V AC, 50/60 Hz, single-phase (split-phase)
Circuit breaker	60 A (48 A setting) or 100 A (80 A setting)
Connector	SAE J1772 (Type 1); NACS vehicles via adapter, sold separately
Cable	25 ft with holster
Display	Status display with payment QR code
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.
Connectivity	Ethernet (LAN); Wi-Fi or 4G optional; 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 and outdoor
Operating temperature	-30 °C to +50 °C (-22 °F to 122 °F)

Humidity	Up to 95%, non-condensing
Dimensions	13.8 x 9.8 x 5.1 in; 18.1 lb net (48 A) or 19.8 lb net (80 A)
Shipping box	19.6 x 13.7 x 10.7 in, 20.3 lb (48 A); 19.6 x 13.7 x 12.4 in, 22.5 lb (80 A)

Current setting (DIP switch)

Set by a qualified electrician to match the circuit. The breaker must be rated for the setting, for example 80 A on a 100 A breaker.

SWITCH	CURRENT	POWER AT 240 V
0	8 A	1.9 kW
1	16 A	3.8 kW
2	24 A	5.8 kW
3	32 A	7.7 kW
4	40 A	9.6 kW
5	48 A	11.5 kW
6	56 A	13.4 kW
7	64 A	15.4 kW
8	72 A	17.3 kW
9	80 A	19.2 kW

Certifications

ETL certified to UL 2594 and UL 2231 · FCC · ENERGY STAR certified

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 PHOENIX? Talk to our team or request a quote.
Product page: evfc.com/product/phoenix-commercial-charger-accept-payments/
Request a quote: evfc.com/quote/ · 1 (888) 528-7582