

L2 CLUSTER · 48 A / 80 A · MONETIZED · FLAGSHIP

PHOENIX

Flagship monetized 48 A or 80 A Level 2 — buffered cluster

For flagship public L2 deployments — premium retail, hotels, parking ops

PHOENIX is the flagship monetized 48 A or 80 A Level 2 family. Premium NEMA 4 outdoor enclosure, full-color touchscreen, integrated payment, video, and per-port load balancing. Cluster on the XEYAR shared DC bus with a DRACO ESS hub. 19.2 kW per port at 80 A — premium L2 ceiling.

Available configurations

SKU	Configuration
PHOENIX48-B20N-8C	8 ports · 11.5 kW · 20 kWh Na-ion
PHOENIX48-B40N-12C	12 ports · 11.5 kW · 40 kWh Na-ion
PHOENIX80-B50N-16C	16 ports · 19.2 kW · 50 kWh Na-ion
PHOENIX80-B60N-20C	20 ports · 19.2 kW · 60 kWh Na-ion — FLAGSHIP

Battery-buffered EV chargers built on the patented XEYAR shared DC-bus architecture. Grid input and battery discharge are simultaneous and additive — not sequential — letting a standard 100 A electrical service drive high-power EV charging without a transformer upgrade. eMÖTEN CMS guarantees 50% of nameplate per active port, 2x the industry-standard equal-share rate, and is certified NEC 625.42(A) compliant for dynamic EVSE load management.

Three durable moats with every MÖTEN charger:

- ✓ Free shipping with every MÖTEN charger — delivered to your jobsite worldwide.
- ✓ eMÖTEN CMS included on all MÖTEN hardware — no monthly subscription.
- ✓ Patented XEYAR shared DC-bus architecture — not available from any other manufacturer.

PHOENIX — Configure your cluster.

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PHOENIX — Technical Specifications

Engineering reference. Project-specific configurations are sized by MÖTEN sales engineering and confirmed in the quote.

Charger rating	48 A (11.5 kW) or 80 A (19.2 kW)
Connector	SAE J1772 (NACS available)
Cable	25 ft standard, 30 ft optional
Enclosure	NEMA 4 outdoor, premium aluminum + glass
Display	8" full-color touchscreen + LED status ring
Authentication	Tap-to-pay, Apple Pay, Google Pay, RFID, mobile app, license plate
Monetization	Yes — full payment + dynamic pricing + reservations
Communications	OCPP 2.0.1 · Ethernet, 4G LTE, Wi-Fi
ISO 15118	Plug & Charge ready
Cluster size	8, 12, 16, or 20 ports
Grid	100 A · 240 V single-phase (48 A) or 208 V split (80 A)
CMS	eMÖTEN included — monetization, reservations, fleet integrations
Certifications	UL · UL 9540 3rd Ed. · ETL · ENERGY STAR · FCC · CSA · NEC 625.42(A) · PCI-DSS
Operating temp	-40 °C to +65 °C
Warranty	3 years standard, 5-year extension available

Certified · Compliant · Worldwide

UL · UL 9540 3rd Ed. · UL 1741 · ETL · cUL · CSA · FCC · ENERGY STAR · OCPP 2.0.1 · ISO 15118 · NEC 625.42(A) · NFPA 855 · IBC/IFC

Ready to deploy PHOENIX? Talk to engineering.

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