

L2 CLUSTER · 48 A · VALUE

BOÖTES

Value-tier 48 A Level 2 — buffered cluster

For MDU and workplace overnight charging

BOÖTES is the value-tier 48 A Level 2 family. Non-monetized, single and dual configurations, NEMA 3R indoor or NEMA 4 outdoor. Built on the XEYAR shared DC bus for cluster deployment with a DRACO ESS hub.

Available configurations

SKU	Configuration
BOOTES48-B20N-8C	8 ports · 11.5 kW · 20 kWh Na-ion
BOOTES48-B40N-12C	12 ports · 11.5 kW · 40 kWh Na-ion
BOOTES48-B50N-16C	16 ports · 11.5 kW · 50 kWh Na-ion
BOOTES48-B60N-20C	20 ports · 11.5 kW · 60 kWh Na-ion

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.

BOÖTES — Configure your cluster.

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BOÖTES — 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)
Connector	SAE J1772 (NACS available)
Cable	25 ft, holster mount
Enclosure	NEMA 3R indoor or NEMA 4 outdoor
Display	LED status ring
Authentication	Auto-start or RFID (optional)
Monetization	Non-monetized (no payment terminal)
Communications	OCPP 2.0.1 · Ethernet, Wi-Fi
ISO 15118	Plug & Charge ready (firmware-enabled)
Cluster size	8, 12, 16, or 20 ports
Grid	100 A · 240 V single-phase
CMS	eMÖTEN included
Certifications	UL · ETL · ENERGY STAR · FCC · CSA · NEC 625.42(A)
Operating temp	-40 °C to +65 °C
Warranty	3 years

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 BOÖTES? Talk to engineering.

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