

OVERVIEW · LEVEL 2

Buffered L2 Cluster

Up to 20 ports of Level 2 charging on a 100 A service

For overnight residential · MDU · workplace · fleet depot

Four charger families (BOÖTES, LYNX, DRACO, PHOENIX) clustered around a DRACO ESS hub on the XEYAR shared DC bus. 8 to 20 ports per cluster, all running off existing 100 A service. No transformer upgrade. Free shipping. Free eMÖTEN CMS.

20

ports · 100 A

No transformer upgrade.

Key specifications

PORTS PER CLUSTER 8–20	POWER PER PORT Up to 19.2 kW (80 A)	GRID CONNECTION 100 A standard · 24 kW
BATTERY RANGE 20–60 kWh (Na-ion or SuperCap)	TOTAL CLUSTER OUTPUT Up to 384 kW (20 ports × 19.2 kW)	OPERATING TEMP –40 °C to +65 °C, no HVAC

Where buffered clusters win

<p>Multi-Family</p> <p>120-unit condo · 12 ports on 100 A · no fire suppression</p>	<p>Workplace</p> <p>200-employee office · 20 ports · VPP-ready by 2026</p>
<p>Fleet Depot</p> <p>80-van overnight charging · skip the utility queue</p>	<p>Hospitality</p> <p>Hotel parking · IP65 outdoor · monetized PHOENIX</p>

Charger families available

Family	Power	Description	Tier
BOÖTES	48 A	Non-monetized · single & dual configs	Value
LYNX	48 A or 80 A	Non-monetized · IP65	Premium
DRACO	48 A	Monetized · payment terminal	Public

PHOENIX	48 A or 80 A	Monetized · IP65	Flagship
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Buffered L2 Cluster — Configure & quote your site.

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Buffered L2 Cluster — Technical Specifications

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

Charger families	BOÖTES · LYNX · DRACO · PHOENIX
Charger rating	48 A (11.5 kW) or 80 A (19.2 kW)
Connector	SAE J1772, NACS available
Cable length	25 ft standard, 30 ft optional
Enclosure	NEMA 4 outdoor (LYNX/PHOENIX); NEMA 3R indoor (BOÖTES/DRACO)
Ports per cluster	8, 12, 16, or 20
Battery (strategic)	20 kWh @ 8p · 40 kWh @ 12p · 50 kWh @ 16p · 60 kWh @ 20p
Battery chemistry	DRACO Na-ion (5C, 20,000-cycle) or DRACO SuperCap (3C, 500,000+ cycle)
PCS rating	24 kW bidirectional, UL 1741
Grid service	100 A · 240 V single-phase or 208 V split
CMS	eMÖTEN — NEC 625.42(A) compliant, 50% per active port
Communications	OCPP 2.0.1 native · ISO 15118 Plug & Charge ready · Ethernet, 4G LTE, Wi-Fi
VPP	Bidirectional-ready · activates at XEYAR NEXUS launch (2026)
Certifications	UL · UL 9540 3rd Ed. · UL 1741 · ETL · cUL · CSA · FCC · ENERGY STAR · NFPA 855
Operating temp	−40 °C to +65 °C (no HVAC required)
Warranty	3 years standard, extended available
Deployment time	4–6 weeks from order to commissioning

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.

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

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