DRACO Family

Monetized 48 A Level 2 buffered cluster

For public Level 2 charging: retail lots, hotels, paid multifamily

DRACO is the monetized 48 A Level 2 family. Secure card payments by QR code, plus RFID and mobile app authentication. IP65 and IK08 enclosure, indoor or outdoor. Cluster deployment on the XEYAR shared DC bus, for site owners who want to recover energy and operating cost without a full DC fast investment.

Available configurations

SKU	CONFIGURATION
DRACO48-B20N-8C	8 ports · 11.5 kW · 20 kWh Na-ion
DRACO48-B40N-12C	12 ports · 11.5 kW · 40 kWh Na-ion
DRACO48-B50N-16C	16 ports · 11.5 kW · 50 kWh Na-ion
DRACO48-B60N-20C	20 ports · 11.5 kW · 60 kWh Na-ion

Battery-buffered EV chargers built on the patent-pending XEYAR shared DC-bus architecture. Grid input and battery discharge are simultaneous and additive, not sequential, so a standard 100 A electrical service can drive high-power EV charging without a transformer upgrade, depending on the site. eMÖTEN Power, the dynamic load management layer in eMÖTEN CMS, is designed to hold at least 50% of nameplate per active port and is designed around NEC 625.42(A); your inspector (AHJ) approves each installation. On XEYAR sites, eMÖTEN Power manages the chargers and the battery is run by its own battery management system (BMS).

Included with every MÖTEN cluster

✓ Free shipping on MÖTEN hardware anywhere in the United States.
✓ eMÖTEN CMS included on MÖTEN chargers ($0 CMS subscription on MÖTEN chargers).
✓ Patent-pending XEYAR shared DC-bus architecture (USPTO and CIPO).
✓ 2-year manufacturer warranty on chargers, extendable to 5 years (2 + 3) or 10 years (2 + 8) in total; batteries 10 years; 97% uptime SLA. Extended warranty available for purchase.

DRACO 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 with holster mount
Enclosure	IP65 and IK08; indoor or outdoor
Display	Status display with payment QR code
Authentication	QR code card payment (card, Apple Pay, Google Pay), RFID, mobile app
Monetization	Card payments by QR code (no payment terminal), dynamic pricing supported
Communications	OCPP 1.6, 2.0.1 ready · Ethernet, 4G LTE, Wi-Fi

Cluster size	8, 12, 16 or 20 ports
Current setting (DIP switch)	0: 16 A (3.8 kW, 20 A breaker); 1: 32 A (7.7 kW, 40 A breaker); 2: 40 A (9.6 kW, 50 A breaker); 3: 48 A (11.5 kW, 60 A breaker); power at 240 V. Set by a qualified electrician to match the circuit; the breaker must be rated for the setting.
Grid	100 A · 240 V single-phase
CMS	eMÖTEN CMS included on MÖTEN chargers: pricing, reporting, eMÖTEN Power load management and eMÖTEN Pay, the automated settlement layer in eMÖTEN CMS
Operating temp	Chargers -30 °C to +50 °C (95% RH, non-condensing); battery storage -40 °C to +65 °C
Lead time	60 to 90 days from order, depending on configuration
Warranty	2-year manufacturer warranty on chargers, extendable to 5 years (2 + 3) or 10 years (2 + 8) in total; batteries 10 years; 97% uptime SLA. Extended warranty available for purchase.
Certifications	XEYAR battery storage certified to UL 9540, UL 9540A, UL 810A, IEC 62619 and CSA. Chargers ETL certified (UL 2202 DC, UL 2594 Level 2). FCC Part 15.

Ready to deploy DRACO? Configure your cluster with our engineering team.
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