

DATA SHEET · DC FAST BUFFERED CLUSTER

FALCÃO 240 · 2-Port Cluster

240 kW per dispenser · 150 kWh Na-ion · 100 A · 3-phase 480 V

FAL240-B150N-2C

Highlights

- ✓ 240 kW per port, liquid-cooled cable
- ✓ 150 kWh DRACO Na-ion ESS
- ✓ Highway corridor and forecourt deployments
- ✓ 30C-ready, NEVI-aligned
- ✓ ISO 15118 Plug & Charge ready

Built on the XEYAR shared DC bus

Battery-buffered EV chargers built on the patented XEYAR shared DC-bus architecture. Grid input and battery discharge are simultaneous and additive — letting a 100 A service drive high-power EV charging without a transformer upgrade. eMÖTEN CMS guarantees 50% per active port (NEC 625.42(A)). Ships VPP-ready; revenue activates at XEYAR NEXUS launch (2026).

For full family specifications, see the **FALCÃO** family spec sheet. Project-specific configuration is confirmed in the engineering quote.

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

Quote this configuration: FAL240-B150N-2C

Request a Quote: evfc.com/contact/?topic=bb-quote · Sales:evfc.com/contact/?topic=bb-sales[Request a Quote →](#)