

DC CLUSTER · 240 / 360 kW · ULTRA-FAST

SPHINX

Ultra-fast urban DCFC — 240 / 360 kW buffered cluster

For premium urban DCFC and high-turnover commercial sites

SPHINX is the ultra-fast urban DCFC family. 240 kW or 360 kW per dispenser with a focus on urban form-factor — smaller footprint than FALCÃO with comparable output. Liquid-cooled cables. Premium materials and display. Buffered on the XEYAR shared DC bus.

Available configurations

SKU	Configuration
SPH240-B150N-2C	2 ports · 240 kW · 150 kWh Na-ion / 200 SC — POPULAR
SPH240-B225N-4C	4 ports · 240 kW · 225 kWh Na-ion / 300 SC
SPH360-B225N-2C	2 ports · 360 kW · 225 kWh Na-ion / 300 SC
SPH360-B300N-4C	4 ports · 360 kW · 300 kWh Na-ion / 300 SC

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.

SPHINX — Configure your cluster.

Request a Quote: evfc.com/contact/?topic=bb-quote · Sales:
evfc.com/contact/?topic=bb-sales

[Request a Quote →](#)

DC CLUSTER · 240 / 360 kW · ULTRA-FAST

SPHINX — Technical Specifications

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

Power per dispenser	240 kW or 360 kW
Connector	CCS1, CCS2, NACS — dual cable
Cable	Liquid-cooled, 15 ft
Enclosure	Outdoor IP55, compact urban footprint
Display	15" full-color touchscreen + LED ring
Authentication	Tap-to-pay, RFID, mobile app, Plug & Charge
Communications	OCPP 2.0.1 · ISO 15118 · Ethernet, 4G LTE
Cluster size	1, 2, or 4 ports
Grid	100 A · 3-phase 480 V · 83.1 kW continuous
PCS	83.1 kW bidirectional, UL 1741
CMS	eMÖTEN included
Certifications	UL · UL 9540 3rd Ed. · UL 1741 · ETL · CSA · FCC · 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 SPHINX? Talk to engineering.

Request a Quote: evfc.com/contact/?topic=bb-quote · Sales:
evfc.com/contact/?topic=bb-sales

Request a Quote →