

DC CLUSTER · 30 / 40 kW · ENTRY

PEGASUS

Entry DCFC — 30 / 40 kW buffered cluster

For workplace and small commercial DCFC

PEGASUS is the entry DCFC family. 30 kW or 40 kW per dispenser, 1 to 8 ports per cluster. Right-sized for workplaces, fleet starter deployments, and small-commercial sites that want DC speed without FALCÃO-level capex. Buffered on the XEYAR shared DC bus.

Available configurations

SKU	Configuration
PEG30-B20N-2C	2 ports · 30 kW · 20 kWh Na-ion / 30 SC
PEG30-B25N-4C	4 ports · 30 kW · 25 kWh Na-ion / 40 SC
PEG40-B30N-2C	2 ports · 40 kW · 30 kWh Na-ion / 50 SC
PEG40-B40N-4C	4 ports · 40 kW · 40 kWh Na-ion / 80 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.

PEGASUS — Configure your cluster.

Request a Quote: evfc.com/contact/?topic=bb-quote · Sales:
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PEGASUS — Technical Specifications

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

Power per dispenser	30 kW or 40 kW
Connector	CCS1 + CHAdeMO, or CCS1 + NACS
Cable	12 ft, holster mount
Enclosure	Outdoor IP54
Display	10" touchscreen, full-color
Authentication	Tap-to-pay, RFID, mobile app
Communications	OCPP 2.0.1 · ISO 15118 · Ethernet, 4G LTE
Cluster size	1, 2, 4, or 8 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 PEGASUS? Talk to engineering.

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