MAVERICK Family

Custom-engineered buffered cluster, 30 kW to 1 MW+

For projects outside the standard family envelope

MAVERICK is custom-engineered. If your site needs a power tier, port count, enclosure form factor or grid configuration that the standard families do not cover, MAVERICK is the path. The XEYAR shared DC-bus architecture scales from 30 kW to 1 MW+ per cluster with the same design; only the dispensers and battery sizing change.

Available configurations

SKU	CONFIGURATION
MAV-CUSTOM-30	Custom · 30 kW class · contact engineering
MAV-CUSTOM-150	Custom · 150 kW class · contact engineering
MAV-CUSTOM-500	Custom · 500 kW class · contact engineering
MAV-CUSTOM-1000	Custom · 1 MW+ class · contact engineering

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.

MAVERICK technical specifications

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

Power range	30 kW to 1 MW+ per cluster (custom)
Connector	CCS1 plus a built-in NACS cable
Cable	Standard or liquid-cooled per power tier
Enclosure	Per project: modular cabinet, dispenser, kiosk, canopy
Display	Per project: 10" or 15" touchscreen typical
Authentication	Per project
Communications	OCPP 1.6, 2.0.1 ready · Ethernet, 4G LTE, Wi-Fi, satellite
Cluster size	Per project

Grid	100 A standard, or 200 A / 400 A service (per project)
Battery	Sized by engineering: Na-ion, SuperCap or 1C/2C cabinet
CMS	eMÖTEN CMS included on MÖTEN chargers; custom integrations available
Operating temp	-40 °C to +65 °C (or extended)
Engineering	Quoted per project
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 MAVERICK? Configure your cluster with our engineering team.
Request a quote: evfc.com/quote/ · Talk to sales: evfc.com/contact/ · 1 (888) 528-7582