

Modular Data Center Solutions

Factory-Built Infrastructure for Faster Deployment



Why MCG

- Accelerated time-to-power through integrated engineering, manufacturing, and modular deployment
- Scalable, factory-built power systems including e-houses, enclosures, and fully integrated solutions
- Reduced onsite risk and compressed schedules through repeatable, controlled production
- End-to-end lifecycle support from design and integration through commissioning and aftermarket services

Overview

Mission Critical Group (MCG) delivers prefabricated, factory-tested modular power and enclosure solutions designed to compress schedules and simplify on-site construction. Built entirely in-house, MCG's modular data centers combine engineered-to-order electrical systems, integrated controls, and factory-built infrastructure to deliver speed, reliability, and scalability in high-density environments.

Backed by more than 1.5 million square feet of U.S. manufacturing capacity, MCG provides single-source accountability from design through commissioning, ensuring faster deployment, seamless interoperability, and dependable uptime.

Solutions

- **Generator Enclosures:** Robust weather rated, thermal, sound-attenuated, and Arctic designs.
- **E-Houses:** Integrated electrical rooms housing switchgear, MCCs, drives, and control systems.
- **MCPU (Mission Critical Power Units):** Pre-engineered, scalable power backbone units for rapid deployment.
- **Power Systems Packaging:** Integrated, factory-built power systems combining switchgear, controls, protection, and distribution in a single engineered solution.
- **Equipment Centers:** Fully integrated switchgear, MCCs, drives, ar-resistant gear, and related systems.
- **Generator Sub-Base Fuel Tanks:** UL 142 and UL 2085 compliant.
- **Controllers:** In-house UL 508A panel shop.
- **ISO Containers:** Mobile power, temporary power, and specialized applications.
- **Operator Centers:** Personnel protection structures and guard houses.
- **Microgrids:** Factory-built modular power and controls for resilient on-site generation and load management.

Modular Solutions with MCG

MCG delivers factory-built modular power systems designed to accelerate deployment and reduce field complexity. From generator enclosures and e-houses to fully integrated power modules, our solutions are engineered, manufactured, and assembled within our robust U.S. manufacturing network to ensure speed, scalability, and reliable mission critical performance.



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