

# Modular Data Center Solutions

Factory-Built Infrastructure for Faster Deployment



## Why MCG

- **Accelerated AI Infrastructure Deployment:** Supporting high-density AI environments.
- **Integrated Manufacturing at Scale:** U.S.-based production for large-scale deployments.
- **Factory-Built Infrastructure:** Preamsembled systems designed to reduce onsite installation time.
- **Scalable Modular Design:** Engineered for phased growth and flexible deployment.
- **Integrated Lifecycle Services:** Engineering, commissioning, and modernization support.

## Overview

Mission Critical Group (MCG) delivers modular data center infrastructure engineered for rapid deployment across hyperscale, AI, enterprise, edge, and remote environments. Backed by integrated engineering, factory-built modular solutions, and more than 1.7 million square feet of U.S. manufacturing capacity, MCG helps accelerate deployment timelines and reduce onsite construction complexity.

## Solutions

- **Generator Enclosures:** Robust weather rated, thermal, sound-attenuated, and Artic 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.

## Powering What's Next

MCG delivers modular data center infrastructure that helps operators accelerate deployment, support AI workloads, and maintain reliable operations across enterprise, edge, and hyperscale environments.



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