

Generator Enclosures

Protected. Engineered. Built for Critical Power.



Why MCG

- **High-Density Deployment Expertise:** Supporting stacked and large-scale generator deployments.
- **Factory-Built Integration:** Preassembled systems designed to reduce onsite complexity.
- **Accelerated Deployment:** Engineered to compress installation schedules.
- **Built for Critical Environments:** Supporting mission critical and industrial operations.
- **Integrated Lifecycle Support:** Engineering, commissioning, and ongoing service support.

Overview

Mission Critical Group (MCG) designs and manufactures factory-built generator enclosures engineered to protect backup and prime power systems in critical environments. Supporting high-density deployments across data centers, healthcare, utilities, industrial manufacturing, and energy sites, MCG enclosure solutions help reduce onsite construction complexity and accelerate time-to-power.

Solutions

- **Custom Enclosure Design:** Engineered steel structures designed for environmental protection, acoustic performance, and long-term durability.
- **Stacked Generator Enclosures:** Vertical configurations engineered to maximize site density, reduce footprint, and support high-capacity deployments in space-constrained environments.
- **Acoustic Attenuation:** Sound-attenuated and critical-grade designs that meet stringent local and site-specific noise requirements.
- **Weather & Corrosion Protection:** Heavy-duty coatings and corrosion-resistant construction for coastal, industrial, and harsh environments.
- **Fuel Tank & Containment Integration:** Integrated base tanks, sub-base tanks, and secondary containment systems.
- **Ventilation & Thermal Management:** Optimized airflow systems engineered to maintain generator performance, including multi-level stacked systems.
- **Seismic & Wind-Rated Designs:** Structural engineering to meet site-specific codes and compliance standards.
- **Integrated Controls & Electrical Interfaces:** Factory-installed wiring, monitoring, and controls integration to streamline commissioning.

Powering What's Next

MCG generator enclosures deliver resilient, factory-built infrastructure that helps protect critical power systems and support reliable operations in high-demand environments.



Scan the QR code or visit us at missioncriticalgroup.com

