



Sales Brochure

# Outdoor Paralleling Switchboard

Outdoor paralleling switchboards are used to parallel two or more generator sets together, so that their combined output power is supplied to site load.

**Need custom dimensions?** We've got you covered.

**Need feeder breakers, surge protective devices, or high accuracy metering?** No problem.

Want to integrate an ATS into your switchboard? We can do it!

- NEMA 3R, UL891 switchboard
- Parallel multiple generators to feed: downstream automatic transfer switch (ATS), isolated site loads, and utility paralleling applications
- Front and rear access or front access only designs available

## MCG Outdoor Paralleling Switchboard

Tired of rusty outdoor switchboards?

MCG switchboards are fabricated from galvanized steel and provided with primer and topcoat powder coat paint. All exterior hardware is stainless steel. We've seen these enclosures installed into tropical, high salt environments and show no rust after several years!

MCG has experience with all major controller vendors – Deep Sea, ComAp, DEIF, Woodward, Basler – you name it! MCG can provide on-site start-up assistance when you are ready.

MCG uses your preferred all-in-one paralleling controller for simple, cost-effective generator paralleling.

Do your generators have on-board paralleling already?

We can provide switchboards with accumulator busbars for common connection to your generator outputs. Then we can provide feeder breakers to your site load.

Product Specifications	
Material:	12 gauge galvanized steel, primer and top coat powder coat paint
Dimensions:	Typical section measures: 90" high x 30" wide x 41-51" deep. Custom dimensions are available.
Circuit Breaker Provided:	Schneider, ABB or Eaton
Circuit Breaker Type:	Molded case or power circuit breaker (fixed or drawout)
Voltages Available:	208, 240, 480, 600VAC
Current Ratings Available:	up to 6000A
Interrupting Ratings Available:	up to 100kA
Other Standard Features:	Internal space heaters with thermostat
Other Features:	High accuracy metering, protective relaying, lock-out relay, drawout circuit breakers, remote control and monitoring, etc.



Optional Cam-Lock Connections



Vents With Filters and Drip Hoods



Blank weather doors with 3-point, padlockable latch and optional polycarbonate windows



Sloped Roof



**MCG Outdoor Paralleling Switchboard:**  
installed onto concrete housekeeping pad



## About Mission Critical Group

Mission Critical Group (MCG) is an end-to-end power system solutions and services provider that accelerate time-to-power for essential infrastructure. Through integrated engineering, manufacturing, and field services, MCG delivers reliable power systems for behind-the-meter and mission critical applications.

With deep engineering expertise and a robust U.S.-based manufacturing network, MCG delivers fast, tailored power solutions with the technical support to match. Backed by a nationwide team of experts, we help keep power running for critical operations.

## Accelerating Time-to-Power

MCG accelerates time-to-power by uniting design, manufacturing, and service with integrated program management and a fast, flexible U.S.-based supply chain.

### Key Advantages

- Unified engineering, manufacturing, and service eliminates vendor handoffs and streamlines communication.
- Direct oversight from design to delivery speeds execution and minimizes risk
- Fast-deploying solutions, both pre-engineered and engineered-to-order, maintain high reliability.
- Trusted by operators in data center, healthcare, and industrial sectors for proven performance.

## Mission Critical Group Capabilities

### Power Infrastructure Solutions

- Custom electrical power systems
- Integrated switchgear and control solutions
- Engineered power generation systems
- Electrical distribution systems
- Mission critical infrastructure support

### Engineering and Services

- System design and electrical engineering
- Program management and project execution
- Manufacturing and factory integration
- Field commissioning and startup support
- Lifecycle service and maintenance