



**SPARKSTONE**  
ELECTRICAL GROUP

# We Make it Happen

Our passion lies in creating the world's best electrical products and technologies for our customers with an emphasis on customized solutions and an unparalleled level of service.

Since 1936, we have been providing customers with the highest quality, custom electrical equipment on the market. We continue that journey with expansions and innovations in both low and medium voltage markets. Our manufacturing facilities are strategically located throughout the United States, providing us with the capacity needed to keep up with today's growing demand. Using the latest technologies in laser cutting, fabrication equipment, and custom engineering designs, we offer switchgear up to 38kV in size for both indoor and outdoor applications, including stainless steel enclosures, breaker control schemes and microprocessor based relays. By controlling all aspects of manufacturing, we provide a high-quality product to meet our customer's needs without excuses.

# Medium Voltage

Offering ratings up to 38kV in both breaker and switch configurations, Sparkstone Electrical Group's medium voltage switchgear offers both flexibility and high performance in a variety of different applications. Our engineered design of the equipment can significantly reduce a project's overall cost.

## Product Offering

- Rated maximum voltage – 4.76 to 38kV
- Rated voltage withstand (BIL) – Up to 200kV Peak
- Rated continuous current – Up to 2000A
- Select designs up to 63kA RMS symmetrical RMS
- Fixed or Drawout Breakers
- Load Interrupter Switches
- Fully welded or bolt on enclosure construction
- NEMA 1 and NEMA 3R offerings
- Stainless Steel Option
- Vendor Agnostic designs

## Standards

- IEEE C37.20.2
- IEEE C37.20.3
- IEEE C37.20.4
- NEMA SG-5
- Seismic Compliance UBC Zone 4
- Third Party Approval/Recognition – UL and ETL

## Product Applications

- Control and distribution of medium voltage circuits
- Main-Main and Main-Tie-Main automatic transfer
- Main service disconnect
- Utility Metering
- Switching and protection transformers, motors, generators, and feeder circuits
- Pad Mounted Reclosers

# Low Voltage

Sparkstone Electrical Group's switchboards, ranging up to 1000V, offer flexible configurations to maximize standardization, safety and convenience to accommodate for construction, residential, data center, industrial, healthcare, or other power distribution needs.

Our switchboards integrate circuit breakers, fuses, metering, surge protection, and electrical products from any manufacturer to safely distribute and monitor power.

## Switchboards

- Rated maximum voltage – up to 1000VAC
- 5000A Maximum Bus Rating
- Custom Bussing Optional to existing equipment
- Service Entrance Rating Available
- 65kAIC Standard with 100 and 200 kAIC options
- Front and Rear Accessible Options
- NEMA 1 and NEMA 3R offerings
- Stainless Steel Option
- Vendor Agnostic designs

## Panelboards

- Rated maximum voltage up to 600VAC
- 1200A Maximum Bus Rating
- Wall or Floor Mounted Options
- Circuit Breaker and Switch Options

## Standards

- UL891
- NEMA PB-2
- UL67
- NEC 240.67 and 240.87

## Additional Options

- Utility Metering
- Retrofit Panelboards
- Microprocessor Based Metering and Relaying
- Surge Protective Devices
- Ground Fault Protection
- Energy-Reducing Maintenance Switch
- Manual and Automatic Transfer Schemes
- Mechanical and Electrical Interlocks



# Control Panels

Our offerings also encompass both control panel engineering and manufacturing. Sparkstone Electrical Group creates and produces custom control panels, ranging from standard controls and pushbutton stations to extensive enclosures with high precision PLCs to operate in the most rugged industrial environments.

## Product Offerings

- UL508A Panels
- Design and Fabrication of panels
- Installation, commissioning, and programming

## Additional Features

- Process Piping Fabrication and Installation
- Mechanical Installation/Millwrights
- Custom Platform Design, Fabrication, and Installation



# Service

Tailored Business Solutions. Prompt Service Response.  
Demonstrated Professional Expertise.



## Tailored Business Solutions

- Standard and Customized Manufacturing
- Expedited Service and Quick Shipment Options
- Tailored Solutions for retrofit applications

## Demonstrated Professional Expertise

- Design Engineering Services
- Turnkey Services
- Field Service Startup and Commissioning
- Training and Project Management

## Prompt Service Response

- Dedicated Shipment Delivery
- 24/7 Emergency Response Time
- Local Pickup Availability



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