



PowerStream Solutions

ENGINEERED FOR YOUR APPLICATION. DELIVERED ON YOUR SCHEDULE

PowerStream Solutions designs and manufactures custom power distribution equipment for mission-critical and industrial facilities across North America. By controlling every stage of the process, from engineering and fabrication to testing and delivery, we provide customers with a simpler, faster, and more predictable project experience.



Integrity Over Orders

We would rather lose an opportunity than misrepresent a schedule, capability, or project risk. Long-term partnerships are built on trust, transparency, and doing what we say we will do.



Application Before Product

Every project is different. We start with the application and engineer the solution around the operational, maintenance, and expansion requirements of the facility.



Execution Matters

Engineering, manufacturing, testing, and project management are aligned around a single goal: delivering the right equipment, on time, without surprises or drama.



Excellence Through Focus

We believe exceptional execution comes from focus. Rather than pursuing every product category, we concentrate on the applications where we can deliver exceptional quality.

CORE PRODUCTS ENGINEERED FOR DATA CENTERS AND MISSION CRITICAL INFRASTRUCTURE

Each solution is built to order and tested before shipment. Explore the details of each product line.



UL 891 switchboards

Engineered to Order UL891
Switchboards up to 5000A.



UPS bypass systems for seamless power transfer

From compact single-UPS applications to modular, multi-megawatt UPS paralleling systems with integrated load bank capabilities, PowerPass delivers the flexibility, density, and speed today's data center projects demand.



Temporary Power Solutions

Temporary power solutions built for real-world deployment. Available as tap boxes, modular generator combiners, or breaker-protected switchboards with camlock, lug, and load distribution options.



Electrical skids for prefab deployment

Complete electrical distribution systems integrated on structural skids or within containerized enclosures, then factory tested prior to shipment.



• Proven Results

TRUST BUILT THROUGH CONSISTENCY

Every lineup is built exactly to the specification, ships on time, tested, and ready to install. We back it with certifications that matter and a track record that speaks for itself.



99%

On-time delivery



6 weeks

Starting ETO lead time



24-48 hours

Quote turnaround



**Vertically
Integrated**

End-to-end manufacturing with ability
to scale capacity in weeks



Late-Stage Agility

Design Changes Welcome



Application Driven

Designed for the Application,
Not the Catalog



Extreme Visibility

PowerPulse Live Project Tracking



Made in America

Compliant with BABA & Domestic
Content Initiatives



- Reliability

FACILITIES

Our hub-and-spoke manufacturing model allows us to scale production in weeks, not years. Specialized fabrication remains centralized to ensure consistent quality, while regional assembly facilities add capacity quickly to support customer demand without compromising lead times.



UNDERWOOD

24,000 Square Foot Fabrication Facility.
Where Sheets of Steel and Bars of Copper
are transformed into structures and bus.



CHAMPIONS

13,400 Square Foot Assembly and
Testing Facility



RANCHERS 1

12,000 Square Foot Assembly and
Testing Facility



RANCHERS 2

12,000 Square Foot Assembly and
Testing Facility

Application Driven Engineering

X

High Density Footprint

Major Benefits to Our Customers



- **Lower Total Cost of Ownership**

Reducing lifecycle expenses through innovation and operational efficiency.



- **Maximize Impact of Electrical Architecture**

Compact, space-efficient designs that maximize capacity without compromise.



- **Accelerated Builds & Deployments**

Engineered to reduce lead times, simplify installation, and get critical infrastructure online faster.

• Certified



BUILT TO STANDARDS THAT MATTER

Every unit leaves our facility tested and verified. We hold the certifications that procurement teams require and the track record that proves we mean it.

01

UL LISTED

All switchboards and systems meet UL 891 and applicable safety standards.



02

ISO 9001:2015

Quality management system certified across design, manufacturing & delivery.



03

SEISMIC (CBC 2025 & IBC 2024)

Seismic-certified solutions available for projects subject to current CBC and IBC.



04

ECOXPERT POWER MASTER DISTRIBUTION

Schneider Electric partnership recognizing our technical depth, expertise, and proven performance.





PRODUCT OVERVIEW

SWITCHBOARDS

APPLICATION-DRIVEN DESIGNS



COMMUNICATIONS

- Modbus TCP/IP
- Ethernet/IP
- BACnet



ENCLOSURE

- NEMA 1
- NEMA 3R
- Stainless Steel
- Seismic Rated
- Custom Cable Management



POWER QUALITY & PROTECTION

- Surge Protection
- Modified Differential Ground Fault
- Arc Flash Reduction
- Ground Fault Protection
- High Resistance Ground
- Zone Selective Interlocking



CONNECTIONS

- Lugs
- Bus Flange
- Add to Existing Bus
- Camlocks



CONFIGURATIONS

- Single Main • Main-Main • Main-Gen
- Main Tie Main • Main Lug Only
- UPS Bypass • Utility Metering
- Paralleling • LV Substation



CONTROLS & AUTOMATION

- SKRU • Kirk Key • PLC • HMI
- Automatic Throwover • Generator Controls
- Load Shedding
- SCADA Integration



VOLTAGE

AC: ~208V • 480V • 600V
3 or 4 Wire
DC: ~250V • 800V
2 Wire



Short-Circuit Current Rating

Series vs Fully Rated
65/100/150/200kA options



AMPACITY

Up to 5000A



BREAKERS

- Stored Energy
- Molded Case
- Drawout
- Fix Mounted
- Group Mounted
- All Trip Settings and Features



METERING

- Revenue Grade
- Power Quality Monitoring
- Branch Circuit Monitoring
- Waveform Capture
- Remote dashboards
- Energy Management
- Utility Meter Compartments

SWITCHBOARDS

APPLICATION-DRIVEN DESIGNS



POINT-TO-POINT LABELED WIRING

Simplifies troubleshooting and reduces downtime.



DEDICATED CONTROL COMPARTMENTS

Hinged access doors and internal barriers improve safety and serviceability.



EXTERNAL NEMA 3R FILTERS

Improved water protection, plus maintenance without opening the enclosure.



FACTORY PRE-WIRED INTERCONNECTS

Control and communication wiring is pre-routed, labeled, and prepared at the factory, minimizing field wiring and accelerating installation.



TORQUE-SEALED CONNECTIONS

Physical verification with Cross Check Torque Seal.



COMMISSIONING-LEVEL FACTORY TESTING

Extensive UL 891 testing reduces startup risk and ensures confidence on day one.



The Difference Is in How We Build

Every Detail Matters.
Every Project Benefits.

SWITCHBOARD PROJECT EXAMPLES



Hyperscale Data Center Customer. 3000A Switchboards with advanced power metering, protection, and custom cable management.



Semi Conductor Customer, Pre Fab Integration. 4000A Main Breaker with (4) 1000A feeder breakers, all rated at 100%. 84" Total Inches Wide.

SWITCHBOARD PROJECT EXAMPLES



Hyperscale Data Center Customer. 4000A Main-Gen Switchboard with SELs, Power Quality Metering, UPS Backup, Surge Protection, IR window, & Fire Pump Section.



Logistics Customer. 5 Various Switchboards.
This project came with aggressive timelines and a substantial design change less than 3 weeks before shipment. Engineered, Manufactured, and Tested in 11 Weeks.



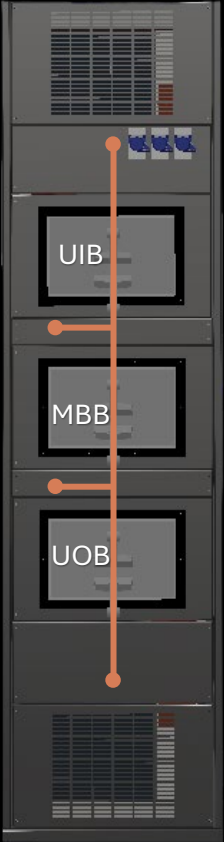
POWERPASS

UPS BYPASS SYSTEMS

PowerPass UPS Bypass

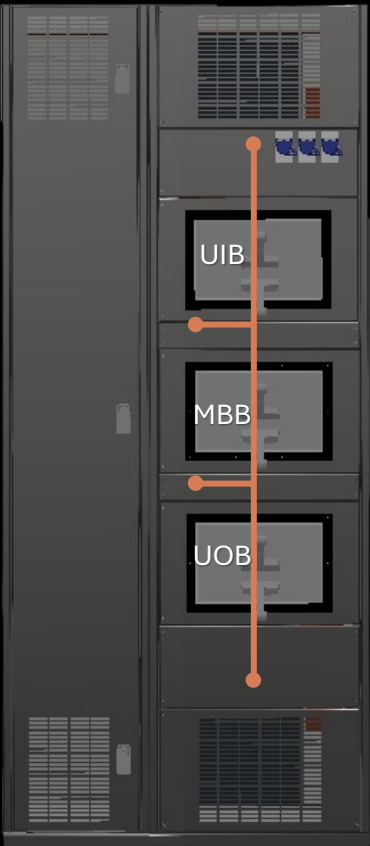


Slim



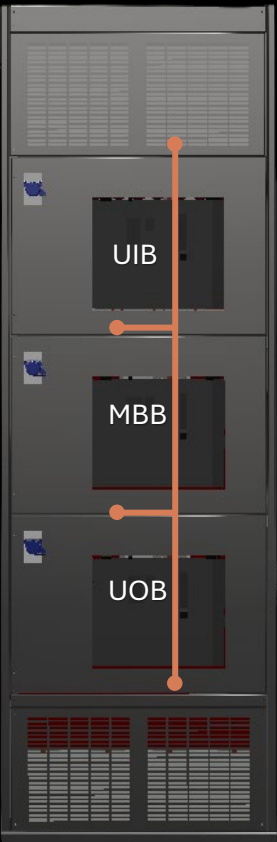
24" Wide x
48" Deep

Core



40" Wide x
48" Deep

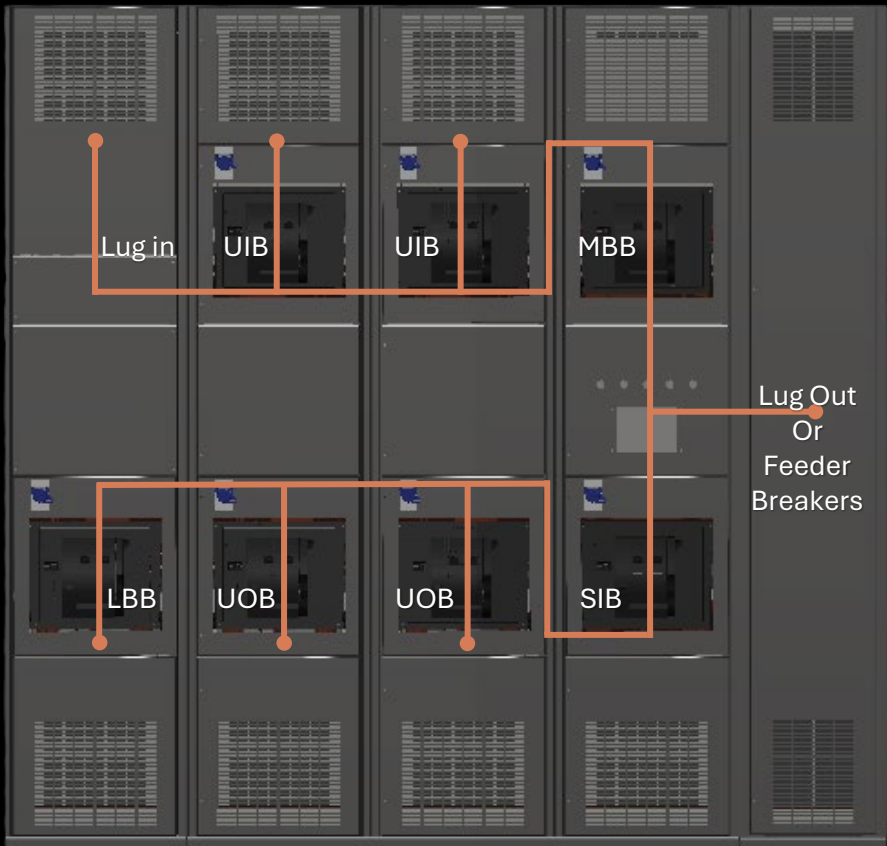
Pro



30" Wide x
48" Deep

- Up to **2.5MW UPS**
- 3 or 4 Pole **Breakers**
- SKRU Scheme **39 & 29**
- Front or Rear/Side Access**

Tile



Load Bank Breaker
with optional
camlocks

20"- 30" Wide
Modules

Flexible modules
and distribution
paths

Single UPS System

Multi UPS Modular System

ONE PLATFORM: MULTIPLE CONFIGURATIONS



Whether your priority is footprint reduction, front-access operation, or advanced switching and metering capabilities, PowerPass provides a purpose-built UPS bypass solution for your application.

Feature	Slim	Core	Pro	Tile
UPS Capacity	Up to 2 MW	Up to 2 MW	Up to 2 MW	Up to 2.5 MW
Quantity of UPS(s) Supported	One	One	One	Multiple
Breaker Platform	PowerPact	PowerPact	MasterPact MTZ	MasterPact MTZ or PowerPact
Breaker Class	MCCB	MCCB	ICCB	ICCB/MCCB
UL891 Listed	✓	✓	✓	✓
Scheme 39 SKRU Available	✓	✓	✓	✓
Scheme 29 SKRU Available	—	—	—	✓
Power Metering Options	✓	✓	✓	✓
Communications Options	✓	✓	✓	✓
4-Pole Switching Available	—	—	✓	✓
Optional Drawout Breakers	—	—	✓	✓
Optional Load Bank Breaker	—	—	—	✓
Advanced Protection & Diagnostics	—	—	✓	✓
Optional Cam Lock Connections	—	—	—	✓
Auxiliary Contacts	Up to 3A / 3B	Up to 3A / 3B	Up to 12A / 12B	Up to 12A / 12B
Maximum Current Rating	2500A	2500A	2500A	3000A
Width	24"	40"	20" - 46"	20" - 30"
Depth	36"—48"	36"—48"	36"—48"	36"—48"
Required Installation Access	Side / Rear	Front Only	Front or Side / Rear	Front or Side / Rear



UPS BYPASS PROJECT EXAMPLES



Eight 1.5 MW PowerPass Pro UPS bypass systems with Scheme 39 SKRU System



Two 750KVA Power Pass Tile Bypass Systems with Load Bank Breaker & Scheme 39 and 29 SKRU System

UPS BYPASS PROJECT EXAMPLES



Four 750kVA UPS Output Switchboards



800kVA Dual UPS Power Pass Tile Board with Load Bank Breaker & Scheme 29 and 39 SKRU System



TEMPORARY POWER SYSTEMS

GENERATOR CONNECTION SOLUTIONS



Switchboards with Integrated Camlock Connections



Modular Generator Combiner Boards



ELECTRICAL SKIDS

ELECTRICAL SKIDS – INTEGRATED SOLUTIONS



POWERSTREAM SOLUTIONS

INFORMATION

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