



FIBREBOND

DATA CENTERS



FIBREBOND®

Fibrebond has developed innovative protection solutions for more than 35 years. Our experience and customer-focus drives us to continue developing new applications for the power, communications and data center markets. Our prefabricated, modular data center solutions are custom-engineered and can be deployed more quickly and cost-efficiently when compared to traditional data center construction. We design complex solutions, coordinate a supply chain of thousands of parts, dedicate a skilled team of craftsmen to the project and deliver a high-quality product to our customers.

MORE INFORMATION



DATA CENTER SOLUTIONS

ELECTRICAL SKIDS

Structural steel skid integrating UPS, LV Switchgear and Communication lineups. OEM-agnostic gear is integrated with overhead cabling, panel boards and associated power circuits.

MODULAR ELECTRICAL ROOMS (MER)

Concrete or steel structural enclosures integrating UPS, LV Switchgear and Communication lineups. OEM-agnostic gear is integrated with overhead or subfloor cabling, panel boards and associated power circuits. Independently cooled with industry standard cooling units suited for specific environmental conditions.

MODULAR DATA CENTERS

Customizable prefabricated modular data centers in 1 MW-2MW blocks. Full integration of IT, HVAC, Electrical and EPMS/BMS systems in a prefabricated manufacturing facility.

EDGE DATA CENTERS

Prefabricated 100kw Critical IT Load edge data center completely with fully-redundant MEP. High strength concrete shelter with customizable rack and monitoring system.



UNSURPASSED CUSTOMER SERVICE

We excel when our customers need a trusted partner. All points of a project, from initial design to completion, are coordinated with a single Fibrebond project manager to offer clients the utmost level of responsiveness. In our 35-plus years, we have supplied more than 38,000 units across the United States and internationally. Additionally, we provide the following services:



ENGINEERING

- 4 week approval drawing sets are standard
- Coordination of state certification process

MANUFACTURING

- Predetermined project schedules for increased efficiency during production
- Warehousing and barcoding of customer equipment

INTEGRATION

- Scope of work includes: switchgear lineups, switchboards, motor control centers, variable frequency drives, UPS systems, DC systems, fire detection/suppression systems, communications equipment, remote monitoring and control systems.

TESTING

- Continuity & resistance testing on all wiring
- Insulation resistance testing up to 5000V
- Temperature & thermal testing
- Dedicated 4000A 480V utility service for testing
- 4,160V available at low amperages
- 3rd-party NETA Primary Injection Breaker testing (by others)

TRANSPORTATION

- Coordination of logistics and transportation
- All loads direct with carrier (no brokered loads)
- On-site support and maintenance

ADVANTAGES & BENEFITS

Our modular data center solutions are fully-customized applications that can accelerate overall project schedules when compared to traditional build. The benefits of our prefabricated solutions include:

- Prefabrication offsets electrical labor shortages at site
- Faster deployment of containers. Design drives the ability to inventory equipment
- OEM Agnostic
- Design for specific set of states based on customer site selection
- State-level certification for modular construction
- Cost savings and stability

- Build at scale
- Safety: Building in a controlled environment with standardized processes
- Independently cooled
- Plug-and-Play at site

