



Support growing critical IT loads while lowering cost, time and space requirements

With a unique assembly that reduces time, cost and space, Eaton's Modular Power Assembly is an ideal solution for organizations facing escalating power requirements. Enabling an entire power infrastructure to be easily expanded in building-block format, the system is comprised of a 500kW Eaton Power Xpert® 9395P uninterruptible power system (UPS) with lithium-ion batteries; switchboard; automatic transfer switch; HVAC system; and fire detection with dry-agent fire suppression systems to protect the enclosure and its electronics.

Installed outdoors adjacent to a facility, the self-contained unit preserves valuable real estate within your building, while its plug-and-play design facilitates connecting modules in parallel—allowing up to 2MW of power to be incorporated into the smallest possible footprint.

Prefabricated and assembled off site into a single enclosure, the Modular Power Assembly significantly decreases construction requirements, minimizing time, complexity and cost. Even more, the solution can be quickly placed into service upon arrival utilizing its Quick Connect System. Furthermore, because the solution can be transported and reconnected at another location, it provides an ideal option for customers who may relocate in the future.

Perfect for delivering continuous power under a variety of scenarios—including data center expansions or while replacing outdated UPS units—Eaton's Modular Power Assembly offers a practical alternative to support critical IT loads during expanding and changing power requirements.

Key benefits

- Supports growing IT loads while lowering cost, time and space requirements
- Scalable system reduces upfront capital expenditures
- Unique off-site assembly minimizes complexity and time of installation
- Enables up to 2MW of power to be stacked in a modular configuration
- Factory engineered and tested
- Eliminates on-site construction while reducing UPS footprint
- Low-profile design does not attract attention
- Modular components increase speed of repair/maintenance, reducing downtime
- Standard shipping container dimensions facilitate speed to market (20' 0" L x 8' 0" W x 9' 6" H not including HVAC)



Powering Business Worldwide



Power block interior view 1



Power block interior view 2

Easily expand the Modular Power Assembly

With the ability to expand in 500 kW increments, Eaton's Modular Power Assembly grows with your power needs. Up to four modules can be paralleled to achieve up to 2 MW of power by adding additional modules to offer truly scalable power.

Eaton Power Xpert 9395P UPS

The foundation of the Eaton Modular Power Assembly is the Power Xpert® 9395P UPS, which boasts an industry-leading efficiency rating of up to 97 percent in double-conversion mode and up to 99 percent in ESS mode. In addition to being powered by space-saving, cost-effective lithium-ion batteries, the unit's integration with switchgear simplifies site wiring and reduces installation costs.



9395P UPS

We are pleased to offer the following optional services for our Modular Power Assembly:

- Factory witness testing (FWT) for electrical, mechanical and fire suppression systems
- Site acceptance testing (SAT)
- 7x24 Emergency service contracts
- Extended warranties
- Rigging and site work
- Installation services
- Onsite training
- Breaker coordination study
- Arc flash study

Complement the Modular Power Assembly with Eaton Services

For more than 30 years, Eaton has been a leader in manufacturing power management technologies that are reliable, efficient, safe and sustainable. Our engineering services team provides a comprehensive offering of integrated services to handle end-to-end turnkey projects, offering the expertise needed to complete a project on time, within budget and with the highest quality equipment. Whether at a single location or multiple sites, Eaton has the capabilities and expertise to function as your single source service provider.

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