

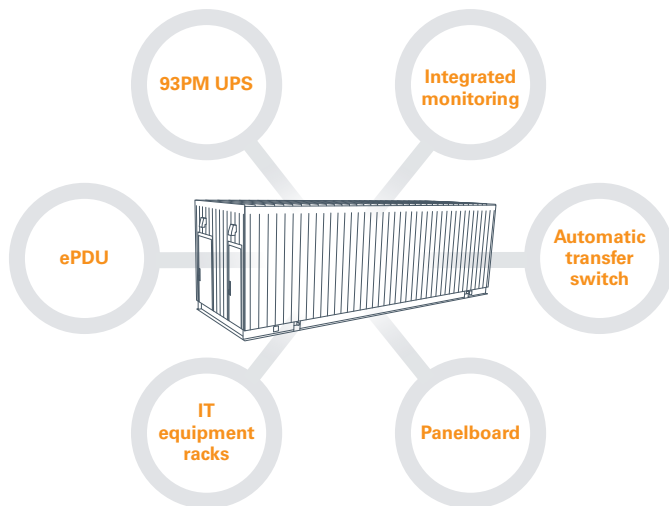


Modular data center solutions

Eaton's unique approach to your new or expanding data center needs

Eaton solutions help you manage your data center power and fit-for-purpose thermal management system as strategic assets that drive real business benefits. Our scalable infrastructure delivers your application service requirements at the optimum efficiency and lowest cost throughout the complete life cycle of your data center.

Modular data center equipment



Note: Photo at top of page shows a 70 kW configuration.

Overall modular data center benefits

- Increased speed to market
- Better cost control and quality with factory-based production
- Infrastructure/IT all-in-one design
- Repeatability
- Reduced footprint
- Reduced on-site installation complexity
- Reduced on-site construction time
- Increased speed of repair and reduced downtime with modularized components
- Fully factory tested and commissioned
- Lower operating costs

Benefits of working with Eaton

Reduced CAPEX

Thanks to its design, Eaton's modular data center can easily scale along with your business needs, allowing for additional data center capacity to be deployed as needed. The build-as-you-need approach minimizes the upfront CAPEX required when building a traditional data center.

Reduced time to market

Eaton's approach deploys a modular data center in a fraction of the time required to design and build a traditional data center or retrofit an existing one.

Real estate savings

Save valuable real estate space because Eaton's modular approach can be deployed anywhere, i.e., parking lot, loading dock or warehouse space, saving valuable existing real estate.

Energy efficient

Eaton's modular solutions assist to achieve low PUE levels.

Relocatable and ideal for business recovery capabilities

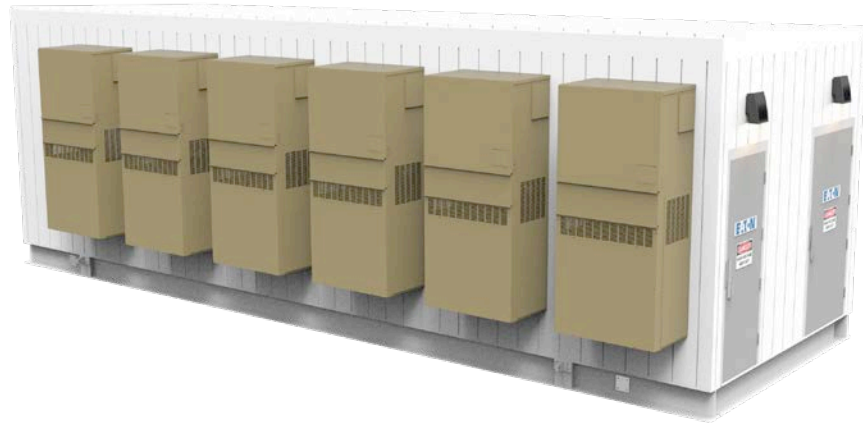
Unlike conventional data centers, Eaton's modular solutions can be relocated as business and IT needs evolve. Our quality-controlled construction process and fully integrated factory testing reduces installation time and reduces startup field issues, getting the project completed faster.



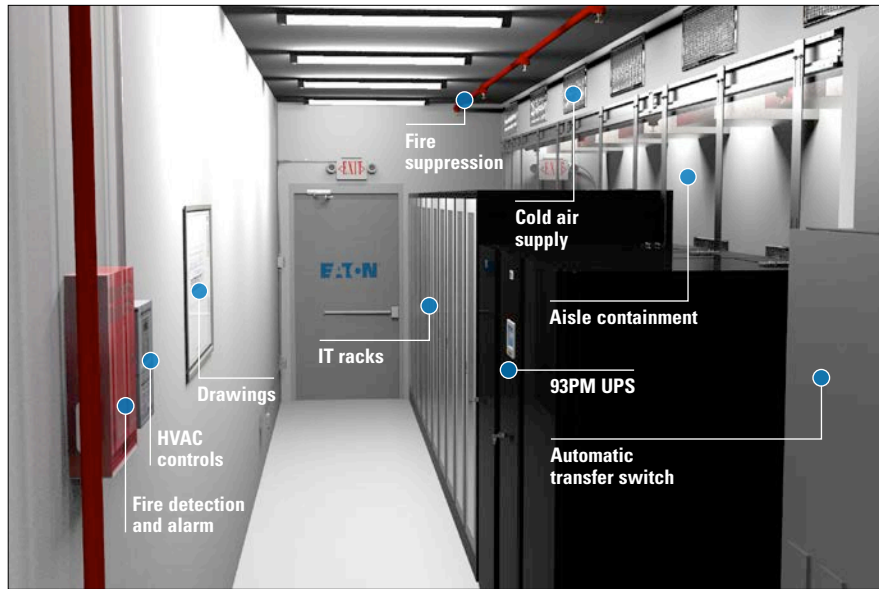
Powering Business Worldwide

Eaton's modular approach contains all the hardware required for a fully functional data center.

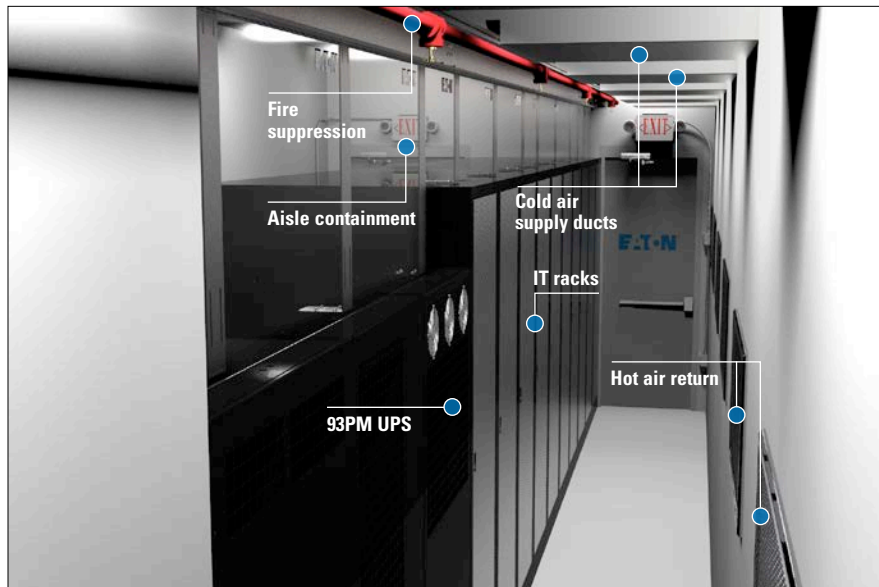
- N, N+1, 2N power and cooling system designs
- Utilizes 42U x 24"W x 40"D seismic rated server racks
- Uses Eaton's 93PM UPS with VRLA batteries; lithium ion and flywheel options are available
- Fire detection and/or suppression options
- Air or water cooled options with "free cooling" modes using airside economizers
- Single or dual corded load options
- Input automatic transfer switch options
- Integrated monitoring solutions
- Additional rack and power configurations
- Additional add-on features:
 - Build rooms or other workspaces
 - Backup generator modules
 - Expandable distribution system infrastructures
 - Chiller modules
 - Larger centralized UPS plants (campus approach)



Rear view



Cold aisle view



Hot aisle view

Support services

Eaton's full array of support services helps to ensure a complete, successful project.

- Turnkey design and integration
- Code and compliance review
- Regulatory acceptance
- Power quality studies
- Short circuit, coordination and arc flash studies
- Data center audits and modernization
- Installation
- Commissioning
- Preventive maintenance and break-fix service
- Extended warranty

For more information on Eaton's modular data center services, visit Eaton.com/ModularDataCenter

Eaton
 1000 Eaton Boulevard
 Cleveland, OH 44122
 United States
 Eaton.com

© 2021 Eaton
 All Rights Reserved
 Printed in USA
 Publication No. PA027024EN / Z24974
 April 2021

Eaton is a registered trademark.
 All other trademarks are property of their respective owners.

Follow us on social media to get the latest product and support information.

