

Lithium-ion battery



- Cost-effective
- Compact
- Safe

Power on demand

Eaton's lithium-ion battery systems provide a reliable and flexible solution that ensures 24/7 system uptime while delivering significant total-cost-of-ownership (TCO) savings. Capable of providing megawatts of power in a small footprint, this battery solution is comprised of lightweight battery strings designed to seamlessly connect to a Power Xpert™ 9395 or 93PM UPS.

Why lithium?

Lithium-ion chemistry demonstrates superior characteristics in UPS applications, this results in high energy density, long life, flexible installation, improved life cycle and a lower TCO.

Management and monitoring system

The lithium-ion battery integrates a powerful battery management system (BMS), providing cell protection (temp, current, over/under voltage), cell balancing, state of charge and health and alarms/reports.

Protection: The BMS processes critical parameters such as voltage levels, temperature, and current at the module and solution levels. Abnormal conditions (warnings and alarms) are quickly detected and, if necessary, the BMS will protect the system from damage by disconnecting the affected battery.

Performance optimization: The BMS incorporates cell and module balancing controls. This function optimizes the voltages of each module to maximize performance and increase service life.

Backup battery runtimes

Contact Eaton for backup times and configurations. A wide range of runtimes from 10 minutes to an hour+ are available.



Powering Business Worldwide

Benefits of lithium-ion

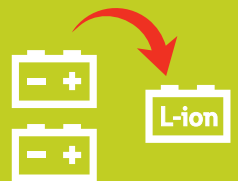
Save money

10 year performance warranty
15 year design life



Save space

8x cycle
40% smaller
60% lighter



Reduce risk

24/7 BMS monitoring



TECHNICAL SPECIFICATIONS¹

Nominal voltage	486V
Minimum voltage (DC under voltage trip point – DCUV)	410V
Float voltage	538V
Capacity	67Ah, 32.6 kWh
Dimensions (H x W x D)	90" x 25.6" x 23.6" (2281 mm x 650 mm x 600 mm)
Weight	1,063 pounds (482 kg)
DC cable terminations	2- hole lugs (top entry only)
Continuous charge current	22A
Operating temperature range	18° to 28°C (64° to 82°F)*
Storage temperature	0° to 40°C (32° to 104°F), batteries not connected
Safety certifications	UL 1973
Shipping certifications	UN3480, Class 9, UN 38.3

1. Specifications subject to change without notice.

* To maintain 10 year performance warranty

For more information, please visit Eaton.com/9395,
Eaton.com/93PM and Eaton.com/Lithium

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