



Endeavor On-Line Series – 1000-3000VA
EnterprisePlus Line Interactive Series – 750-3000VA



MINUTEMAN EXTENDED RUNTIME SOLUTIONS

For more than 25 years, Minuteman Power Technologies' leading-edge power protection products have provided the highest quality and reliability that our customers demand. After all, when mission-critical systems are reliant on Minuteman uninterruptible power supplies to provide clean, consistent power, we take that very seriously.

Downtime due to a power outage can be painful for any size business. Security systems, data centers, or telephone and communication systems must be up and running or the business is out of business. The average power outage is about 20 minutes while the average extended power outage is nearly 8 hours. These outages can be very costly to any business.

RESPONDING TO CUSTOMER REQUIREMENTS

Many of our customers are choosing to extend their power back-up runtimes by adding external battery packs to their Minuteman UPSs. This provides further assurance that applications can be operational, even through lengthy power outages. Minuteman has responded to our customers' requirements by pushing the envelope on extended runtime technologies and offering solutions that are unique to the power protection market. Add that to unmatched reliability and you have a solution that makes sense for small, medium, and large businesses.

To protect critical devices through extended blackouts, the Endeavor and EnterprisePlus UPS Series are able to utilize the XL and EXL Series of external battery packs that can be daisy-chained to provide virtually an unlimited amount of battery runtime.

MARKET-LEADING INNOVATIONS

Our strong pedigree in providing market-leading extended runtime solutions is unmatched. As the early pioneer in extended runtime power products, the Minuteman brand has become synonymous with providing market-leading solutions for applications requiring more back-up time than UPSs typically offer.

Our first extended runtime UPS was offered to the market more than 20 years ago. Since then, Minuteman's extended runtime products have carved out a reputation for reliability when reliability means the most. The XL and EXL battery packs provide additional choices for our customers with extreme runtime requirements, adding further to the Minuteman legacy of innovative product offerings.

XL BATTERY PACK FEATURES FOR ENDEAVOR AND ENTERPRISEPLUS UPS SERIES

- Extended runtime with daisy-chain capability
- Unlimited number of connected battery packs
- Quick recharge using internal independent battery chargers
- 2U-rack height
- Rackmount or tower configuration
- 3-year warranty

EXL BATTERY PACK FEATURES FOR ENDEAVOR AND ENTERPRISE PLUS UPS SERIES

- Extreme runtime with daisy-chain capability
- Unlimited number of connected battery packs
- High VAh configurations ratings
- 3U-rack height
- Rackmount or tower configuration
- 3-year warranty

COMPARISON OF MINUTEMAN STANDARD BATTERY PACKS VS. EXTENDED RUNTIME BATTERY PACKS

Standard XL Battery Pack

Model	VAH Rating	Battery Configuration	Weight	Rack Dimensions	UPS Models
EBP36XL	518.4VAh	(6) 12V/7.2Ah	55.0 lb	2U 3.5" x 17.3" x 17.0"	E750RM2U E1000RM2U E1500RM2U E1500RMT2U
EBP72XL	612VAh	(6) 12V/8.5Ah	55.0 lb	2U 3.5" x 17.3" x 17.0"	E2000RM2U E3000RM2U E3000RMT2U
EDBP24XL	408VAh	(4) 12V/8.5Ah	39.6 lb	2U 3.5" x 17.3" x 13.1"	ED1000RM2U ED1000RMT2U
EDBP48XL	816VAh	(8) 12V/8.5Ah	66.0 lb	2U 3.5" x 17.3" x 17.0"	ED1500RM2U ED1500RMT2U ED2000RM2U ED2000RMT2U
EDBP72XL	612VAh	(6) 12V/8.5Ah	55.0 lb	2U 3.5" x 17.3" x 17.0"	ED3000RM2U ED3000RMT2U

Minuteman XL Standard Battery Packs have internal chargers. The XL Series have lower VAh ratings, but offer quick recharge times because of the internal independent chargers.

BATTERY PACK REQUIREMENT ON-LINE CALCULATOR

To help you determine the UPS equipment and battery packs you will need for your particular application, visit www.sizemyups.com.

This fast and easy reference includes thousands of devices for data centers, telephones, communications and security systems. Simply select the equipment that will be connected to your UPS and you will be given a listing of UPSs and battery packs that will meet your needs.

Extended EXL Runtime Battery Pack

Model	VAH Rating	Battery Configuration	Weight	Rack Dimensions	UPS Models	Capacity Difference
EBP36EXL	1836VAh	(18) 12V/8.5Ah	127.9 lb	3U 5.2" x 17.3" x 26.8"	E750RM2U E1000RM2U E1500RM2U E1500RMT2U	3.50 times more than standard
EBP72EXL	1836VAh	(18) 12V/8.5Ah	127.9 lb	3U 5.2" x 17.3" x 26.8"	E2000RM2U E3000RM2U E3000RMT2U	2.75 times more than standard
EDBP24EXL	2040VAh	(20) 12V/8.5Ah	138.9 lb	3U 5.2" x 17.3" x 26.8"	ED1000RM2U ED1000RMT2U	4.75 times more than standard
EDBP48EXL	2040VAh	(20) 12V/8.5Ah	138.9 lb	3U 5.2" x 17.3" x 26.8"	ED1500RM2U ED1500RMT2U ED2000RM2U ED2000RMT2U	2.25 times more than standard
EDBP72EXL	1836VAh	(18) 12V/8.5Ah	127.9 lb	3U 5.2" x 17.3" x 26.8"	ED3000RM2U ED3000RMT2U	2.75 times more than standard

The EXL Series of battery packs provide longer runtimes than the standard XL battery packs due to their higher VAh ratings. The EXL series does not have internal chargers in the connected UPS. However you can use a combination of XL and EXL battery packs to reduce the recharge time of the EXL battery packs while providing a more flexible runtime solution.

(Example: your application requires 2 hours of runtime and the EXL battery pack selected only provides 1.5 hours of runtime. Instead of using two EXL battery packs, which will provide three hours of runtime, you can use the EXL along with an XL battery pack to provide the other 0.5 hours of runtime. This flexible solution not only saves you money, but also speeds up the recharge time of the EXL battery packs.



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