

## Extended Mission-critical Protection

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. While the average power outage is about 20 minutes, **the average extended power outage lasts nearly 8 hours.**

Minuteman's first models with extended runtime capability debuted more than 25 years ago - the first in the industry to do so. Since then, our extended runtime products have established a reputation for ease of installation, exceptional value, and unmatched reliability.

## Hours of Protection - Affordably and Efficiently

Two sizes of battery packs are available, providing an unmatched level of customization and ensuring the perfect configuration can be achieved, no matter the demands.

Minuteman's XL and EXL battery packs for Endeavor and EnterprisePlus LCD Series UPSs provide a virtually unlimited amount of runtime potential thanks to daisy-chain capability. This allows administrators to easily configure an affordable UPS solution for their runtime demands, no matter how great they may be.

## XL Battery Packs

Endeavor and EnterprisePlus LCD XL Battery Packs represent the smaller capacity of the two extended runtime options. These units feature daisy-chain capability, along with an internal charger which allows for faster recharge times after an outage occurs. Packaged in a compact 2U-rack height case, the XL battery pack provides a substantial boost to system runtime without compromising performance after an outage occurs.



EnterprisePlus LCD E750RTXL2U w/ BP36RTXL Battery Pack

## EXL Battery Packs

For even longer runtimes, Minuteman's EXL Battery Packs for Endeavor and EnterprisePlus LCD provide extreme battery capacities in a slightly larger form factor. These 3U rack height units are also daisy-chain capable, and can work in place of multiple XL units to provide a more efficient means of obtaining the same runtime.



EXL Battery Pack (3U Rack Height)

### Accessory Compatibility

Endeavor 1-3kVA UPS

EnterprisePlus LCD UPS

## XL and EXL Battery Pack Compatibility

- **Endeavor 1-3kVA Series Models**  
ED1000RM2U, ED1500RM2U, ED2000RM2U, ED3000RM2U, ED1000RMT2U, ED1500RMT2U, ED2000RMT2U, ED3000RMT2U
- **EnterprisePlus LCD Series Models**  
E750RTXL2U, E1000RTXL2U, E1500RTXL2U, E2000RTXL2U, E3000RTXL2U, E1500RTXL2U, E3000RTXL2U

## XL Battery Pack Features

- **Extended runtime for Endeavor and EnterprisePlus LCD with daisy-chain capability**  
Connect multiple battery packs to a single UPS for added runtime when needed
- **Unlimited number of connected battery packs**  
Extend runtime to virtually unlimited levels for critical applications requiring longer backup times
- **Quick recharge using internal independent battery charger**  
Each XL module includes an independent charger, reducing recharge time significantly without the need for a separate charger
- **2U-rack height**  
Compact case provides high power density ideal for saving rack space
- **Rackmount or tower configuration**  
All XL units include rack and tower mount hardware; optional wall-mount hardware available separately
- **3-year parts and labor warranty**  
5-year extended warranty plans also available

## EXL Battery Pack Features

- **Extreme runtime with daisy-chain capability**  
Achieve 2.25 to 4.75 times the battery capacity of an XL pack in only 3U total rack space; substantially greater runtimes
- **Unlimited number of connected battery packs**  
Connect multiple battery packs to a single UPS for added runtime when needed
- **High VAh configurations ratings**  
Large bank of batteries for extreme power density when even more runtime is needed
- **3U-rack height**  
Combine with 2U UPS unit for substantial runtime in only 5U total rack space
- **Rackmount or tower configuration**  
All EXL units include rack and tower mount hardware
- **3-year parts and labor warranty**  
5-year extended warranty plans also available

# Minuteman® XL and EXL External Battery Pack Specifications

## XL and EXL Modules for Endeavor 1-3kVA UPSs

Model No.	VAh Rating	Battery Module/ Config.	Weight	Rack Dimensions	Compatible UPS Models	Capacity vs. XL Module
<b>EDBP24XL</b>	408VAh	BM0038	39.6 lb	3.5" x 17.3" x 13.1" (2U)	ED1000RM2U, ED1000RMT2U	-
<b>EDBP48XL</b>	816VAh	BM0039	66.0 lb	3.5" x 17.3" x 17.0" (2U)	ED1500RM2U, ED1500RMT2U, ED2000RM2U, ED2000RMT2U	-
<b>BP72RTLXL</b>	612VAh	BM0034	55.0 lb	3.5" x 17.3" x 17.0" (2U)	ED3000RM2U, ED3000RMT2U	-
Extreme Runtime EXL Battery Packs						
<b>BP24RTEXL</b>	2040VAh	(20) 12V/8.5AH	138.9 lb	5.2" x 17.3" x 26.8" (3U)	ED1000RM2U, ED1000RMT2U	4.75x XL Model
<b>BP48RTEXL</b>	1836VAh	(18) 12V/8.5AH	138.9 lb	5.2" x 17.3" x 26.8" (3U)	ED1500RM2U, ED1500RMT2U, ED2000RM2U, ED2000RMT2U	2.25x XL Model
<b>BP72RTEXL</b>	1836VAh	(18) 12V/8.5AH	127.9 lb	5.2" x 17.3" x 26.8" (3U)	ED3000RM2U, ED3000RMT2U	2.75x XL Model

## XL and EXL Modules for EnterprisePlus LCD UPSs

Model No.	VAh Rating	Battery Module/ Config.	Weight	Rack Dimensions	Compatible UPS Models	Capacity vs. XL Module
<b>BP36RTLXL</b>	518.4VAh	BM0033	55.0 lb	3.5" x 17.3" x 17.0" (2U)	E750RTLXL2U, E1000RTLXL2U, E1500RTLXL2U, E1500RTXL2U	-
<b>BP72RTLXL</b>	612VAh	BM0034	55.0 lb	3.5" x 17.3" x 17.0" (2U)	E2000RTLXL2U, E3000RTLXL2U, E3000RTXL2U	-
Extreme Runtime EXL Battery Packs						
<b>BP36RTEXL</b>	1836VAh	(18) 12V/8.5AH	127.9 lb	5.2" x 17.3" x 26.8" (3U)	E750RTLXL2U, E1000RTLXL2U, E1500RTLXL2U, E1500RTXL2U	3.50x XL Model
<b>BP72RTEXL</b>	1836VAh	(18) 12V/8.5AH	127.9 lb	5.2" x 17.3" x 26.8" (3U)	E2000RTLXL2U, E3000RTLXL2U, E3000RTXL2U	2.75x XL Model

## Example XL and EXL Configurations

UPS	Load	UPS Base Runtime	+1 XL Battery Pack	+2 XL Battery Packs	+1 EXL Battery Pack	+2 EXL Battery Packs
<b>ED3000RM2U</b>	2500W	8.4	21.5	32.4	59.9	96.9
<b>ED2000RM2U</b>	1500W	10.4	37.5	62.6	85.9	152.4
<b>E1000RTLXL2U</b>	1000W	8.0	35.2	91.0	123.8	196.1
<b>E750RTLXL2U</b>	500W	18.2	73.5	135.4	244.6	363.3

## Get the right module for your needs

Eliminate the guesswork involved in specifying the right combination of Minuteman UPSs and battery packs with our interactive sizing tool, SizeMyUPS.com. Here you can select your equipment from our extensive database or enter your known power draws, select your requirements for voltage, runtime, installation needs, and other factors, and receive a comprehensive list of solutions along with estimated runtimes.

SizeMyUPS provides solutions including configurations utilizing XL and EXL battery packs, ensuring that you can find a solution to fit your needs, no matter the level of runtime you desire. **Get started at SizeMyUPS.com.**

- Equipment Databases**  
Build your system using our extensive database of equipment load ratings
- Configuration Options**  
Narrow your choices to your exact needs with the straightforward configuration interface

- Comprehensive solutions**  
Browse a complete list of solutions that meet your needs with estimated runtime and MSRP
- Email, Fax, and Print**  
Send a spec sheet for your solutions to interested parties with a single click

**SizeMyUPS.com**  
The world's most comprehensive UPS selection tool

**Minuteman UPS Selection Tool**  
In the sections below, build the system that will be attached to the UPS, and tell us about your requirements to receive a list of solutions that will meet your needs.

**Power Requirements:** Total Load (W): 1200, Input Voltage (V): 120V, Output Voltage (V): 120V

**UPS Requirements:** UPS Type (V): Standby, Minuteman (N) (No list)

Model ID	Runtime (min)	Product Line ID	UPS Type ID	(MSRP)
1) E1800-Std	4.7	Enduro Series	Standby (N)	\$79.00
2) E1800-Std	5.0	Enduro Series	Line Interactive (N)	\$109.00
3) E1800-Std	9.2	Enduro Series	Line Interactive (N)	\$139.00
4) E1800-LCD-Std	9.8	Enduro Series	Standby (N)	\$109.00
5) E1800-LCD-Std	9.8	Enduro Series	Line Interactive (N)	\$109.00
6) E1800-Std	12.1	Enduro Series	Standby (N)	\$119.00
7) E1800-Std	15.0	Enduro Series	Line Interactive (N)	\$149.00

**Buy this product before:** Simulated same sized Retail Price: \$139.00 USD (48 Contiguous U.S. States Only)  
No Data Networking, PCs, Small Servers  
Price - 2-yr warranty for batteries

**700VA Line Interactive UPS with 8 outlets**  
a 700VA/420W 120 VAC line interactive UPS designed for desktop or floor use  
runtime: 4.0 minutes  
std: 10.5 minutes  
std RATED load of 355 WATTS: 9.2 minutes  
loads of less than 10 percent of the stated capacity of a given UPS may vary runtime for small loads.