



EXR™ UPS Series **Line Interactive Uninterruptible Power Supply**

Backup Versatility Redefined: Line Interactive Technology with True-sinewave output

EXR™ Uninterruptible Power Supply

The Minuteman EXR™ Series UPS offers a true sine wave output, robust features, and versatile configuration options for a full range of critical networking applications.

Line interactive sine wave rack/wall/tower UPSs with LCD Display for network data centers, remote IDF/MDF network closets, security systems, and education networks.

Ultra-Configurable Value for Large Systems

The EXR™ Series offers users a robust and advanced line interactive UPS offering. New features include higher power factor, auto-recognition of external battery packs for a smarter extended run-time solution, tool-less battery connection and replacement and so much more!

The EXR™ Series UPSs offer complete protection from all electrical problems, including spikes, surges, sags, brownouts, and blackouts, in a versatile rack/tower convertible format. True sine wave electrical output ensures the best power for sensitive electronic equipment.

Optional Accessories

- SNMP communication card
- Programmable relay card
- External battery pack

Typical Applications

- Network Data Centers
- Remote Network Closets
- Security Systems
- Highly-sensitive Equipment
- Education Networks
- DAS and Small Cell Systems
- Telephone and VOIP Systems

EXR750RT2U
EXR1000RT2U
EXR1500RT2U
EXR1500RTHV
EXR2000RT2U
EXR3000RT2U
EXR3000RTHV



EXR™ UPS Series

Line Interactive Uninterruptible Power Supply

UPS Model	EXR750RT2U	EXR1000RT2U	EXR1500RT2U (EXR1500RTHV)	EXR2000RT2U	EXR3000RT2U (EXR3000RTHV)
General Features					
Topology	Line-interactive, True sine wave				
Maximum Power Capacity (VA / Watts)	750/675	1,000/900	1,500/1350	2,000/1,800	3,000/2,700
Installation Format(s)	Rack/Tower or Wall (with optional installation kit)				
Input					
Input Voltage Range	80 to 164VAC (150 – 271VAC)				
Frequency Range	50/60Hz, ±6Hz auto-sensing				
Input Plug Type (Cord Length)	NEMA 5-15P (10-ft.)	NEMA 5-15P (10-ft.) (NEMA 6-15P)		NEMA 5-20P (10-feet)	NEMA L5-30P (10 ft.) (NEMA L6-30P)
Input Surge Protection	Resettable Circuit Breaker				
Maximum Input Current	10 Amps	12 Amps		16 Amps	24 Amps
Surge Joule Rating	1,000 Joules (800 Joules)				
Surge Protection Port(s)	1Gbit RJ45 Ethernet (in/out)				
Output					
Output Voltage Range (AC Mode)	120VAC: 101 – 136VAC (208VAC: 186 – 236VAC)				
Output Voltage Range (Battery Mode)	Nominal ±5% - until Low Battery Warning				
Output Waveform (Battery Mode)	True sine wave				
Output Receptacles (120V)	(8) NEMA 5-15R		(8) NEMA 5-15R	(8) NEMA 5-20R (1) NEMA L5-20R	(6) NEMA 5-20R (1) NEMA L5-30R
Output Receptacles (208V)	-		(6) NEMA 6-15R	-	(6) NEMA 6-15/20R (1) NEMA L6-30R
Batteries					
Replacement Module	BM0086	BM0086	BM0087	BM0088	BM0089
Tool-less Battery Replacement	Yes				
Runtime (Full/Half Load)	7 / 19 minutes	4 / 13 minutes	2.5 / 9 minutes	4.5 / 13 minutes	2.5 / 10 minutes
Ind. Battery Bypass	Yes				
DC Startup	Yes				
Hot-swappable Batteries	Yes				
Display & Communications					
Front Panel Display	LCD Dot-Matrix display with four LED icons				
Battery Function Alarms	On Battery, Low Battery, Depleted Battery, Weak/Bad/Disconnected Battery, Replace Battery				
Alarm Silencer	Yes				
Shutdown Software	SentryHD (downloadable)				
Communication Port(s)	USB, RS232, EPO, Option card slot				
Comm. Cables Included	Yes				
Environmental					
Operating Temp. Range (max)	0 to 40°C (+32 to +104°F)				
Operating Humidity Range	0 - 95% Non-Condensing				
Operating Elevation	0 to 3000m (0 to +10,000 ft)				
Physical					
Unit Dimensions (L x W x H)	17.32" x 18.96" x 3.48" (440 x 481.6 x 88.5 mm)			23.62" x 18.96" x 3.48" (600 x 481.6 x 88.5 mm)	
Unit Weight	41.7 lbs. (18.9Kgs)	41.7 lbs. (18.9Kgs)	43.0 lbs. (19.5 Kgs)	71.9 lbs. (32.6 Kgs)	77.6 lbs. (35.2 Kgs)
Warranty & Certifications					
Standard Warranty	3 years / electronics and batteries				
Connected Equipment Guarantee	\$100,000				
Safety and Approvals	cULus (UL1778 5th Edition & CSA 22.2 no. 107.3-14 / R: 2014), FCC Class B, CE & NOM certified,EnergyStar 2.0, RoHS2 (EU Directive 2011/65/EU & 2015/863/EU)				