

MINUTEMAN[®] XRT[™] Series



Advanced Features

- ▶ Designed for:
 - Telephone systems
 - Security systems
 - Network devices
 - Mission-critical equipment
- ▶ 600, 1000, 1500 and 2000 VA models
- ▶ Dual voltage models available
- ▶ True sinewave output
- ▶ Line-interactive topology
- ▶ Fully isolated transformer
- ▶ Unlimited runtime with daisy-chainable external battery packs
- ▶ Fastest battery charger in the industry
- ▶ Intelligent microprocessor senses and responds automatically to power events
- ▶ Integrated LCD display (optional on XRT 600)
- ▶ Stackable, small-footprint case
- ▶ Industry-leading 3-year warranty
- ▶ \$40,000 MINUTEMAN Platinum Protection Plan[®] (Domestic U.S. and Canada)

unlimited extended runtime UPS

The MINUTEMAN XRT Series provides rock-solid protection from all types of power fluctuations, including long periods of utility failure or localized blackout conditions. Its unique design allows you to connect multiple external battery packs to protect your vital business equipment for extended periods of power loss. The XRT's unique combination of unlimited runtime and powerful features is unmatched in the industry.

Dependable Power Protection for Critical Applications

The XRT Series is the ideal UPS firewall for protecting critical equipment such as phone systems, security systems, network devices, and large servers from power disruption – every XRT model offers complete protection against spikes, surges, brownouts, and blackouts, and fully isolated transformers provide EMI/RFI filtering that eliminates line noise. XRT models are available in 600, 1000, 1500, and 2000 VA. Since different applications have different runtime requirements, two external battery pack models are available for the XRT Series – the XRT BP1, or the larger XRT BP3 that offers the equivalent backup power of five (5) XRT BP1 battery packs.

All the Features You Expect, and More

The XRT Series offers unlimited runtime plus the true sinewave output required by sensitive digital components. Its line-interactive design and isolated transformer provides a virtual firewall between input power and the power provided to your equipment, reducing the risk of equipment damage. The XRT's cold-start capability lets you start up equipment even during a power blackout, and XRT models also incorporate an intelligent microprocessor topology that monitors and performs UPS functions automatically. The compact design of the XRT units allows them to be stacked atop their BP1 battery packs to conserve floor space.

When used with MINUTEMAN SentryII[™] Power Management Software, an XRT Series UPS becomes a fully manageable component of your network. SentryII software enables unattended shutdown, flexible event management, warning message broadcast, and multiple diagnostic and graphing tools. Every XRT Series UPS ships with a mail-in coupon for a free SentryII CD-ROM, or the software can be downloaded directly from www.minutemanups.com Web site.

Reliability Assured: the Unbeatable MINUTEMAN Warranty

A UPS is only as reliable as the quality of its components and engineering. Since MINUTEMAN uses only the finest components backed by years of engineering research and development, we cover every model in the XRT Series with an industry-leading 3-year parts and labor warranty, plus a \$40,000 MINUTEMAN Platinum Protection Plan covering connected equipment. (Domestic U.S. and Canada).

minutemanups.com

800.238.7272

XRT™ Series Specifications

Note: XRT 1000 and Larger Units Require at Least One Battery Pack (XRT BP1 or XRT BP3)	XRT 600	XRT 1000	XRT 1500	XRT 2000
Maximum Load VA/Watts*	600 / 420	1000 / 700	1500 / 1050	2000 / 1400
Nominal Input Voltage	120 VAC			
Acceptable Input Voltage	92 VAC - 140 VAC			
Output Voltage On-line (+/- 10%)	120 VAC			
On-battery Output Voltage (+/- 3%)	120 VAC			
Input Plugs	5-15P			L5-30P
Output Receptacles	4 5-15R	6 5-15R		
Nominal Input Frequency	+/- 3Hz 60 Hz			
Input Protection	Resettable circuit breaker			
On-battery Frequency	60 Hz +/- 0.1 Hz unless synchronized to utility during brownout			
On-battery Waveshape	Low distortion sine wave			
Protection	Overcurrent & short circuit protected; latching shut down on overload			
Surge Energy Rating	480 joules (one time 10 to 1000 micro seconds waveform, 120VAC units)			
Surge Current Capability	6500 A maximum			
Surge Response Time	0ns (instantaneous) normal mode, < 5ns common mode			
Surge Voltage Let Thru	<0.2% (<4% of Peak Voltage)			
Noise Filter	Normal & common mode EMI/RFI suppression, 100 KHz to 10 MHz			
Operating Temperature	32 to 104 degrees F			
Operating & Storage	Relative humidity 0 to 95% non-condensing			
Storage Temperature	5 to 113 degrees F			
Operating Elevation	0 to +10,000 ft			
Electromagnetic Immunity	IEC 801-2, 801-3, 801-4, 801-5; Severity level 5			
Audible Noise at 1 meter	<45 dbA			
Audible Alarm	On Overload, Low Battery Warning, Check Fan: Every 1/2 Second, On Battery: Every 30 Seconds			
Communications Port	DB-9 MINUTEMAN standard			
Dimensions H x W x D	10 x 9 x 20 in.			
Net Weight / Shipping Weight	60.5 / 67 lbs.	50.5 / 57 lbs.	67.5 / 81 lbs.	78.5 / 83 lbs
XRT BP1 Battery Pack				
Battery Pack Dimensions	10 x 9 x 20 in.			
Battery Pack Net Weight / Shipping Weight	65.5 / 74 lbs.			
XRT BP3 Battery Pack				
Battery Pack Dimensions	16 x 15 x 25 in			
Battery Pack Net Weight / Shipping Weight	270 / 275 lbs.			
Safety Approvals	(120V only) ETL [UL 1778] CETL [CSA C22.2]			
EMC Verification	FCC Class A			

*Supports loads up to 1.0 power factor. Watt rating based on load being unity power factor.

SizeMyUPS.com

Need quick answers to your UPS questions? Visit our interactive UPS sizing guide on the Web to find the right product for your needs *fast*.



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