

Entrepid Series

800.873.5528 WWW.TARGETD.COM

500-1500VA Line Interactive Tower UPS

The Minuteman Entrepid Series UPS is a compact tower featuring automatic voltage regulation and an informative LCD display that keeps users informed of power and unit status. Six battery/surge outlets along with two surge-only outlets ensure a connection for every device in the system, and phone/fax/network surge protection is also included. USB communications make management simple thanks to free SentryHD software, downloadable at minutemanups.com/sentryhd.

The Entrepid's compact height and width makes it an ideal solution for applications where space is tight. This can include crowded telephone and network closets, security devices, POS systems, and much more.



Key Product Line Features



LCD Status Display Power information in real-time



Automatic Voltage Regulation Longer runtimes and battery life span



SentryHD Software Compatible Monitor and manage via USB



3-yr Electronics Warranty 2-yr non-prorated battery

Applications



Communications Workstations, Small Phone Systems



Security Midsize DVR. Acc Ctrl. Intrusion



IT/Network Switches, Hubs, Access Points O Sm O Med O Lrg

Capacity:







LCD Display Real-time updates on power and status

Stay up to date on all aspects of your power with Entrepid's control panel.

1 Unit Status Indicator AC normal, On-battery, Weak/Bad Battery, Fault, Site Wiring Fault

2 Load and Battery Meters Monitor battery status, electrical load on unit

3 Numeric Display Power status including voltage, frequency, estimated runtime remaining

4 On/Off/Test Button Power unit up or down, perform self test

5 Display Scroll Button Quickly browse status screens to monitor power





- 1 LCD Status Display
- 2 On/Off/Test and Display Scroll
- Phone/Fax/Network Protection
- **USB Communication Port**
- Two (2) Surge-only 5-15R Outlets
- 6 Six (6) Battery Backup & Surge 5-15R Outlets
- 7 6-ft. Power Cord
- 8 Input Circuit Breaker

Key Features

- · Efficient Automatic Voltage Regulation (AVR) Hardware Protection against spikes, surges, brownouts, and blackouts
- · Compact form factor ideal for tight installs
- **Full System Protection**

8 power outlets and RJ11/45 phone/network surge protection for complete protection

- **Transformer-friendly Outlets** Connect power blocks without blocking receptacles
- Efficient, Responsible Power **ENERGY STAR and RoHS 2 Compliant**
- **Total Control of Your Power**

Free download of Minuteman SentryHD management software connects via USB and provides total monitoring and management capability

Independent Battery Bypass

Provides voltage regulation with surge and spike protection, even when batteries are weak or dead

Unmatched Peace of Mind

3-year limited warranty (electronics), 2-year warranty (batteries), and Minuteman Platinum Protection Plan™

Complete Protection for:

- **Desktop Computers**
- Standalone Servers
- Network Switches, Hubs, and Peripherals
- **VoIP Communications**
- Telephone Systems
- · External Computer Accessories
- · Security cameras and DVRs





Entrepid Series Specifications & Features

EP500LCD / EP700LCD / EP1000LCD / EP1500LCD

Apparent Output Power 500VA 700VA 1000VA 1500VA Active Output Power 300 Watts 420 Watts 600 Watts 900 Watts Topology Type Agency Approvals Green Compliance Warranty Equipment Protection Policy Battery/Surge-Protected Outlets Surge-only Protected Outlets Voltage Range AC Leakage Current Surge Protection Surge Protection Surge Protection Voltage Default Frequency Efficiency (AC-AC) Voltage Voltage Voltage Voltage Regulation Frequency Some Approvals Equipment Protection Policy Up to \$100,000 (Continental U.S. and Canada only) Battery/Surge-Protected Outlets (2) NEMA 5-15R Voltage Range 90VAC to 150VAC Frequency Range AC Leakage Current Surge Protection 320 joules Voltage Protection 320 joules Voltage		Madal Number	EDEANL CD	EDZANI CD	ED4000LCD	ED4500LCD
Active Output Power 300 Watts 420 Watts 600 Watts 900 Watts Topology Line-Interactive	_	Model Number	EP500LCD	EP700LCD	EP1000LCD	EP1500LCD
Topology	General	·· ·				
Type		•	300 Watts	-		900 Watts
Agency Approvals CTUVus (Conforms to UL1778, CSA 22.2), CE, FCC Class B						
Page		•				
Warranty 3-years Electronics / 2-years Batteries			. , , , , , , , , , , , , , , , , , , ,			
Equipment Protection Policy Up to \$100,000 (Continental U.S. and Canada only)		·	•			
Battery/Surge-Protected Outlets (6) NEMA 5-15R		•	•			
Surge-only Protected Outlets			, , , , , , , , , , , , , , , , , , , ,			
Voltage Range 90VAC to 150VAC						
Prequency Range						
AC Leakage Current AC Leakage Current Surge Protection 320 joules Voltage Default Voltage Default Voltage Default Voltage Default Voltage Regulation Voltage Regulation Voltage Regulation 120VAC ±6% until low battery warning Frequency Simulated sine wave Dynamic Response ±10% at 100% load change in 30ms (Linear Load) Communications Port LCD Status Indicators LCD Meter Display AC Normal, On Battery, AVR Mode, Overload, Weak/Bad/Disconnected Battery, Site Wiring Fault, Internal Fault LCD Meter Display Audible Alarms On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Full-Load Runtime (non-linear) Half-Load Runtime (non-linear) Half-Load Runtime (non-linear) Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Weight: lbs. (Kgs.) 14.9 (6.78) 15.7" x 17.0.0" x 11.6" (399.0 x 255.0 x 294.0 mm) A0VItage North Internal Fault Audible Alarms Township Internal Fault Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid 15.7" x 17.0.0" x 200.5 mm) Net Weight: lbs. (Kgs.) Shipping Dimensions: D x W x H Shipping Dimensions: D x W x H Typical Recharge Tine (399.0 x 255.0 x 294.0 mm)	put	Voltage Range	90VAC to 150VAC			
Voltage Default 102VAC to 133VAC	Ē	Frequency Range				
Voltage Default		AC Leakage Current	<1.0mA at full-rated non-linear load			
Frequency 50/60Hz ±5Hz			320 joules			
Post	tput	Voltage Default	102VAC to 133VAC			
Voltage	ō	Frequency	50/60Hz ±5Hz			
Dynamic Response ±10% at 100% load change in 30ms (Linear Load)		Efficiency (AC-AC)	>93% at full-rated non-linear load			
Dynamic Response ±10% at 100% load change in 30ms (Linear Load)	Output (On	Voltage	120VAC			
Dynamic Response ±10% at 100% load change in 30ms (Linear Load)		Voltage Regulation	120VAC ±6% until low battery warning			
Dynamic Response ±10% at 100% load change in 30ms (Linear Load) Communications Port USB (Cable included) LCD Status Indicators AC Normal, On Battery, AVR Mode, Overload, Weak/Bad/Disconnected Battery, Site Wiring Fault, Internal Fault LCD Meter Display Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, Battery Capacity Bar Graph, Est. Runtime Audible Alarms On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Full-Load Runtime (non-linear) 3 min. 3 min. 3 min. 3 min. 3 min. 13 min. 13 min. Half-Load Runtime (non-linear) 11 min. 12 min. 13 min. 13 min. 13 min. Hot Swappable Batteries Yes Battery Module Type BM0059 BM0060 BM0061 BM0062 Typical Recharge Time 8 hours to 90% from total discharge Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H (317.5 x 170.0 x 200.5 mm) Net Weight: lbs. (Kgs.) 14.9 (6.78) 17.3 / (7.83) 23.7 (10.74) 29.6 (13.44) Shipping Dimensions: D x W x H (399.0 x 255.0 x 294.0 mm)		Frequency	50/60Hz ±0.5Hz unless synchronized to line			
Communications Port USB (Cable included) AC Normal, On Battery, AVR Mode, Overload, Weak/Bad/Disconnected Battery, Site Wiring Fault, Internal Fault Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, Battery Capacity Bar Graph, Est. Runtime Audible Alarms On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Full-Load Runtime (non-linear) Half-Load Runtime (non-linear) Hot Swappable Batteries Battery Module Type BM0059 BM0060 BM0061 BM0062 Typical Recharge Time 8 hours to 90% from total discharge Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H 12.5" x 6.7" x 7.9" (317.5 x 170.0 x 200.5 mm) Net Weight: lbs. (Kgs.) 14.9 (6.78) 15.7" x 10.0" x 11.6" (399.0 x 255.0 x 294.0 mm) 15.5" x 10.0" x 11.6" (469.0 x 255.0 x 294.0 mm)		Wave Form	Simulated sine wave			
LCD Meter Display Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, Battery Capacity Bar Graph, Est. Runtime Audible Alarms On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Full-Load Runtime (non-linear) Half-Load Runtime (non-linear) Hot Swappable Batteries Battery Module Type BM0059 BM0060 BM0061 BM0062 Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H Net Weight: Ibs. (Kgs.) Shipping Dimensions: D x W x H 15.7" x 10.0" x 11.6" (399.0 x 255.0 x 294.0 mm) Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, Est. Runtime On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Battery Type BM0060 BM0061 BM0062 BM0062 Typical Recharge Time 8 hours to 90% from total discharge Battery Type Sealed, non-spillable, maintenance-free, lead acid 12.5" x 6.7" x 7.9" (317.5 x 170.0 x 200.5 mm) 15.3" x 6.7" x 7.9" (387.5 x 170.0 x 200.5 mm)		Dynamic Response	±10% at 100% load change in 30ms (Linear Load)			
LCD Meter Display Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, Battery Capacity Bar Graph, Est. Runtime Audible Alarms On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Full-Load Runtime (non-linear) Half-Load Runtime (non-linear) Hot Swappable Batteries Battery Module Type BM0059 BM0060 BM0061 BM0062 Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H Net Weight: Ibs. (Kgs.) Shipping Dimensions: D x W x H 15.7" x 10.0" x 11.6" (399.0 x 255.0 x 294.0 mm) Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, Est. Runtime On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Battery Type BM0060 BM0061 BM0062 BM0062 Typical Recharge Time 8 hours to 90% from total discharge Battery Type Sealed, non-spillable, maintenance-free, lead acid 12.5" x 6.7" x 7.9" (317.5 x 170.0 x 200.5 mm) 15.3" x 6.7" x 7.9" (387.5 x 170.0 x 200.5 mm)	ace	Communications Port	USB (Cable included)			
Capacity Bar Graph, Battery Capacity Bar Graph, Est. Runtime Audible Alarms On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery Full-Load Runtime (non-linear) Half-Load Runtime (non-linear) Hot Swappable Batteries Battery Module Type Battery Type Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H Net Weight: Ibs. (Kgs.) Shipping Dimensions: D x W x H Capacity Bar Graph, Est. Runtime On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery, Weak/Bad/Disconnected Battery 3 min. 3 min. 12 min. 12 min. 13 min. 13 min. 13 min. 13 min. 13 min. 14 min. 12 min. 14 min. 12 min. 13 min. 14 min. 14 min. 15 min. 15 min. 16 min. 17 min. 17 min. 18 min. 18 min. 19 min. 19 min. 10 min. 10 min. 10 min. 10 min. 11 min. 11 min. 12 min. 13 min. 13 min. 13 min. 13 min. 13 min. 14 min. 14 min. 15 min. 15 min. 16 min. 17 min. 17 min. 18 min. 18 min. 19 min. 19 min. 19 min. 10 min. 10 min	Interf	LCD Status Indicators	AC Normal, On Battery, AVR Mode, Overload, Weak/Bad/Disconnected Battery, Site Wiring Fault, Internal Fault			
Full-Load Runtime (non-linear) 3 min. 3 min. 3 min. 3 min. 13 min. 14 min. 15 mi		LCD Meter Display				
Half-Load Runtime (non-linear) Hot Swappable Batteries Battery Module Type Battery Type Battery Type Net Dimensions: D x W x H Net Weight: Ibs. (Kgs.) Shipping Dimensions: D x W x H Half-Load Runtime (non-linear) 11 min. 12 min. 13 min. 14 min. 15 min		Audible Alarms				
Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H Net Weight: lbs. (Kgs.) Shipping Dimensions: D x W x H	em	Full-Load Runtime (non-linear)	3 min.	3 min.	3 min.	3 min.
Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H Net Weight: lbs. (Kgs.) Shipping Dimensions: D x W x H	Syst	Half-Load Runtime (non-linear)	11 min.	12 min.	13 min.	13 min.
Typical Recharge Time Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H Net Weight: Ibs. (Kgs.) Shipping Dimensions: D x W x H		Hot Swappable Batteries	Yes			
Typical Recharge Time 8 hours to 90% from total discharge Battery Type Sealed, non-spillable, maintenance-free, lead acid Net Dimensions: D x W x H 12.5" x 6.7" x 7.9" (317.5 x 170.0 x 200.5 mm) Net Weight: lbs. (Kgs.) 14.9 (6.78) 17.3 / (7.83) 23.7 (10.74) 29.6 (13.44) Shipping Dimensions: D x W x H 15.7" x 10.0" x 11.6" (399.0 x 255.0 x 294.0 mm) 15.3" x 6.7" x 7.9" (387.5 x 170.0 x 200.5 mm) (18.5" x 10.0" x 11.6" (469.0 x 255.0 x 294.0 mm)		Battery Module Type	BM0059	BM0060	BM0061	BM0062
Net Dimensions: D x W x H 12.5" x 6.7" x 7.9" (317.5 x 170.0 x 200.5 mm) Net Weight: lbs. (Kgs.) 14.9 (6.78) 15.3" x 6.7" x 7.9" (387.5 x 170.0 x 200.5 mm) 15.3" x 6.7" x 7.9" (387.5 x 170.0 x 200.5 mm) 16.3" x 6.7" x 7.9" (387.5 x 170.0 x 200.5 mm) 17.3 / (7.83) 27.5 x 10.0" x 11.6" (469.0 x 255.0 x 294.0 mm)		Typical Recharge Time	8 hours to 90% from total discharge			
Net Dimensions: D x W x H (317.5 x 170.0 x 200.5 mm) (387.5 X 170.0 x 200.5 mm)		Battery Type	Sealed, non-spillable, maintenance-free, lead acid			
Shipping Dimensions: D x W x H	sical	Net Dimensions: D x W x H				
Snipping Dimensions: D x W x H (399.0 x 255.0 x 294.0 mm) (469.0 x 255.0 x 294.0 mm)	F.	Net Weight: lbs. (Kgs.)	14.9 (6.78)	17.3 / (7.83)	23.7 (10.74)	29.6 (13.44)
Shipping Weight: lbs. (Kgs.) 17.5 (7.92) 19.8 (8.96) 26.4 (11.98) 32.3 (14.67)		Shipping Dimensions: D x W x H				
		Shipping Weight: lbs. (Kgs.)	17.5 (7.92)	19.8 (8.96)	26.4 (11.98)	32.3 (14.67)

Protects Against Spikes, Surges, **Brownouts and Blackouts**

- Boost/Buck automatic voltage regulation (AVR)
- Six (6) surge and battery-protected outlets
- Two (2) surge-only outlets for protection of non-critical accessories
- · Input circuit breaker protection

Feature-rich Design

- · Compact case design
- · LCD front panel display
- · USB communications
- Hot-swappable batteries
- Easy battery access
- RJ11/45 Network/Phone/Fax protection
- 3-year limited warranty (electronics) 2-year warranty (batteries)
- RoHS 2 compliant
- Energy Star certified
- Transformer-friendly receptacles
- DC startup capability
- Independent battery bypass
- Built-in self-diagnostics testing
- Site-wiring fault indicator
- Audio & visual alarms

Compatible with Minuteman SentryHD **Management Software**

- · Automatically saves and shuts down unfinished applications
- Gracefully powers down your PC during extended blackouts
- Provides comprehensive monitoring capabilities
- Integrates into SNMP network (when connected to a computer via USB port)
- · Free download at minutemanups.com/sentryhd

LCD Display Provides Real-Time Information

- · UPS status and condition
- Battery capacity bar graph
- · Estimated runtime AC and DC modes
- · Load capacity bar graph
- · Warning / Fault icons



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