



**Tripp Lite**  
1111 West 35th Street  
Chicago, IL 60609 USA  
Telephone: +(773) 869 1234  
E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: HT850UPS

### Home Theater Ultra-compact Line-Interactive 120V UPS with USB port

#### Highlights



- Ultra-compact line-interactive UPS
- Maintains 120V nominal output over an input range of 83V to 147V
- Workstation-optimized features include USB port, single-line tel/DSL and gold coaxial surge suppression jacks, 6 battery- and surge-protected outlets and 6 additional surge-only outlets (12 total)
- Input: NEMA 5-15P (120V 15A) / Output: 12 NEMA 5-15R (120V)
- 2-year product warranty; \$100,000 [Ultimate Lifetime Insurance](#) (USA and Canada only)

#### Description

Tripp Lite's HT850UPS line-interactive UPS offers complete protection for PCs, workstations and other sensitive electronics in an ultra-compact, mountable housing. Internal UPS circuits support individual VCR/DVR components as long as 3 hours during power failures. Prevents data loss and system downtime by providing battery-supported AC output during blackouts and automatic voltage regulation (AVR) during brownouts and overvoltages. Includes 12 output receptacles, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets. 6 outlets offer full battery support and surge suppression, protecting computers, monitors and other vital system components from power loss. 6 additional outlets with surge suppression only are ideal for printers and other peripherals not requiring battery support. Single-line telephone suppression jacks protect modems, fax machines, cordless phones or other equipment with a DSL or standard dialup RJ-11 phone line connection. Set of gold coaxial line surge suppression jacks protect CATV, satellite or broadcast antenna connections. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in case of extended power failure. HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X. Audible alarm and front panel LEDs offer status information regarding line and battery power operation. 450W power-handling ability supports entry-level PCs for up to 35 min. during power failures. 2-year warranty; \$100,000 [Ultimate Lifetime Insurance](#) (USA and Canada only).

#### Package Includes

- HT850UPS UPS System
- PowerAlert Software CD-ROM, USB cable, RJ-11 phone cable, 6-foot gold coax cable
- Instruction manual with warranty information

#### Features

- HT850UPS line-interactive UPS offers protection from blackouts, brownouts and surges on AC, tel/DSL and coaxial line connections
- Built-in automatic voltage regulation (AVR) boosts brownouts as low as 83V and reduces overvoltages up to 147V back to usable 120V nominal levels
- 12 AC outlets, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets
- 6 UPS battery-supported outlets protect computers, monitors and vital system peripherals; 6 additional surge suppression-only outlets protect system accessories not requiring battery support
- Provides battery-derived AC output during blackouts, voltage boost during brownouts and voltage reduction during overvoltages
- 750VA/450W power-handling ability supports a variety of home theater equipment, workstations and other sensitive electronics
- Supports individual VCR/DVR components as long as 3 hours during power failures

- Built-in single-line tel/DSL surge suppression protects modems, fax machines or cordless phones. Built-in coaxial line surge suppression protects CATV, satellite or broadcast antenna connections
- USB port, included USB cable and PowerAlert Software offer safe, unattended shutdown without data loss during extended outages
- HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X.
- Supports Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment; ideal for unattended kiosk applications
- Hot-swappable user battery replacement supported via battery access door
- Space-saving, ultra-compact housing fits almost anywhere
- Keyhole mounting flanges enable secure wallmount installation

## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	750
Output Watt Capacity (watts)	450
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	+8%, -21%
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	12 5-15R outlet(s)
Surge suppression only outlets	6 UPS outlets, 6 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V
BATTERY	
Full load runtime (minutes)	4 min. (450w)
Half load runtime (minutes)	10 min. (225w)
DC system voltage (VDC)	12

Replacement battery cartridge (internal UPS battery replacement)	RBC51
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
Overvoltage correction	Input voltages between 129 and 147 are reduced by 12%
Undervoltage correction	Input voltages between 83 and 104 are boosted by 14%
<b>LEDS ALARMS &amp; SWITCHES</b>	
LED Indicators	2 LEDs indicate power status and overload/check battery status
Alarms	Audible alarm indicates power-failure and overload status
Switches	Combination switch controls on/off power status and self-test operation
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC suppression joule rating	400
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL/DSL (1 in / 2 out); Coax jacks (1 set)
EMI / RFI AC noise suppression	Yes
<b>PHYSICAL</b>	
Installation form factors supported with included accessories	Tower; Ultra-compact desktop; Wallmount (using keyhole mounting tabs)
Primary form factor	Desktop
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	4 x 12 x 7
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	10.2 x 30.5 x 17.8
UPS / Power Module weight (lbs)	15.2
UPS / Power Module weight (kg)	6.9
UPS Shipping dimensions (height x width x depth / inches)	5.5 x 14.5 x 9.8
UPS Shipping dimensions (height x width x depth / cm)	14 x 36.8 x 24.8
Shipping weight (lbs)	16.4

Shipping weight (kg)	7.4
UPS housing material	ABS
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	63.8
Battery mode BTU / hr. (full load)	431.5
<b>COMMUNICATIONS</b>	
Communications interface	USB (HID enabled)
PowerAlert software	Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>
Communications cable	USB interface cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer time	2 to 4 milliseconds
Low voltage transfer to battery power (setpoint)	83
High voltage transfer to battery power (setpoint)	147
<b>SPECIAL FEATURES</b>	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
<b>WARRANTY</b>	
Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 Ultimate Lifetime Insurance

## Related Items

### Optional Products

Product Type	Related Model	Description	Qty.
Surge Protectors	<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	-

USB Hubs/Accessories	<a href="#">U222-004-R</a>	4-Port USB2.0 Ultra-Mini Hub	-
Surge Protectors	<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	-
Extended Warranties	<a href="#">WEXT5-INTERNET</a>	5-Year Extended Warranty - For Internet Office, AVR and ECO Series UPS Systems	-
USB Cables & Adapters	<a href="#">U005-10I</a>	10-inch USB A/A Gold Extension Cable (USB-A Right Angle Male to USB-A Female)	-
Software	<a href="#">WATCHDOGSW</a>	WatchDog Service Monitoring / Reboot Software	-
Audio Cables	<a href="#">CT120</a>	Instant-Read- AC Outlet Circuit Tester	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=3197](http://www.tripplite.com/en/products/model.cfm?txtModelID=3197).

---

Copyright © 2011 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.