

Audio/Video Digital UPS - Line-Interactive UPS System with LCD Status Screen

MODEL NUMBER: HT1000UPS



Description

Tripp Lite's HT1000UPS Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs for up to 60 minutes or individual VCR/DVR component for as long as 3 hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89 volts back to usable levels without consuming battery power. EMI/RFI line noise filtering improves component performance, assuring fuller audio and sharper video. Includes 4 battery-supported outlets, plus 4 surge suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in the case of extended power failure. PowerAlert Software available via free download from www.tripplite.com. HID-compliant USB port also enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X. Built-in single-line RJ-11 phone jacks provide surge protection for a modem, satellite receiver or other peripherals with a standard dialup/DSL phone connection. Two sets of 2.2 GHz coaxial jacks protect against surges entering on CATV, satellite or broadcast antenna connections. Built-in audible alarm and large LCD front panel voltage display indicates line power status, battery power status, battery low/replace status and voltage boost operation. 1000VA/500W power-handling ability supports media center PCs, home entertainment systems and audio/video components including flat-panel TVs, VCR/DVD players and PVRs (TiVo®). Offers 3 min. battery runtime with a full load of 1000VA/500W and 11 min. with a half load of 500VA/250W. \$100,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

Features

- LCD status screen indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing with UPS placed vertically or horizontally
- Offers automatic voltage regulation, surge suppression and long-lasting battery support during blackouts
- Supports entry-level PCs up to 60 min. or single VCR/DVR components for up to 3 hours during blackouts
- Regulates brownouts as low as 89V back to usable levels without using battery power
- 4 UPS battery-supported outlets plus 4 additional surge suppression-only outlets
- USB port enables unattended shutdown in the case of extended power failure

Highlights

- Automatic voltage regulation protects sensitive A/V components from damaging power fluctuations
- Reliable battery support preserves settings and recordings through blackouts
- EMI/RFI line noise filtering improves component performance (fuller audio/sharper video)
- 8 widely spaced AC outlets (4 UPS/surge, 4 surge-only); USB port and FREE PowerAlert Software (Web download)
- 2-line 2.2 GHz cable/satellite/antenna coaxial surge protection plus single-line tel/DSL surge protection
- \$100,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Package Includes

- HT1000UPS Audio/Video Digital UPS System
- 1 phone and 2 gold coaxial cables
- Owner's manual with warranty information



- HID-compliant USB port enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X
- PowerAlert Software available via free download from www.tripplite.com
- Single-line phone suppression protects standard dialup/DSL phone connection
- 2-line 2.2 GHz coaxial surge protection for cable, satellite and antenna connections
- EMI/RFI line noise filtering improves component performance, assuring fuller audio and sharper video
- 1000VA/500W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3 min. full load runtime (1000VA/500W), 11 min. half load runtime (500VA/250W)
- Cabinet adapts to tower format or rackmount shelf format; 2U rackmount installation requires optional shelf, available separately
- Supports battery replacement via built-in access panel
- \$100,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Specifications

| OUTPUT | |
|---|-------------------------------------|
| Output Volt Amp Capacity (VA) | 1000 |
| Output Watt Capacity (Watts) | 500 |
| Nominal Output Voltage(s) Supported | 115V; 120V |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Battery Mode) | 115V (+/- 5%) |
| UPS Output Receptacles | 8 5-15R outlet(s) |
| UPS Output Receptacles (Surge Suppression Only) | 4 UPS outlets, 4 surge-only outlets |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| INPUT | |
| Rated input current (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 |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 3 min. (500w) |
| Half Load Runtime (min.) | 11 min. (250w) |



| | |
|--|---|
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 20 hours from 10% to 90% |
| Battery Access | Supports battery replacement via built-in access panel |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89 |
| Undervoltage Correction | Input voltages between 89 and 104 are boosted by 14% |
| LEDS ALARMS & SWITCHES | |
| LED Indicators | Front panel LCD display |
| Front Panel LCD Display | Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing |
| Audible Alarm | Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 480 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); Coax jacks (2 sets) |
| UPS Dataline Suppression Details | HD-compatible 2.2GHz coaxial protection |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 12 x 3.5 x 6.5 |
| UPS Power Module Dimensions (hwd, cm) | 30.5 x 8.9 x 16.5 |
| Installed whole system dimensions in secondary form factor (height x width x depth / cm) | 8.9 x 30.5 x 16.5 |
| Secondary Form Factor | Horizontal desktop placement |
| Installed whole system dimensions in secondary form factor (height x width x depth / inches) | 3.5 x 12 x 6.5 |



| | |
|---|---|
| UPS Dimensions in Secondary Form Factor (hwd / cm) | 8.9 x 30.5 x 16.5 |
| UPS Power Module Weight (lbs.) | 15.5 |
| UPS Power Module Weight (kg) | 7 |
| UPS Shipping Dimensions (hwd / in.) | 10.4 x 15.6 x 4.8 |
| UPS Shipping Dimensions (hwd / cm) | 26.5 x 39.5 x 12.3 |
| Shipping Weight (lbs.) | 15.8 |
| Shipping Weight (kg) | 7.2 |
| UPS Housing Material | ABS |
| ENVIRONMENTAL | |
| 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) | 52.6 |
| Battery Mode BTU / Hr. (Full Load) | 536.8 |
| AC Mode Efficiency Rating (100% Load) | 97% |
| COMMUNICATIONS | |
| Communications Interface | USB (HID enabled) |
| PowerAlert Software | Free download from www.tripplite.com |
| Communications Cable | USB cable included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network UPS Tools Compatibility | NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 89 |
| High Voltage Transfer to Battery Power (Setpoint) | 139 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |



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| CERTIFICATIONS | |
|--|--|
| UPS Certifications | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI) |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$100,000 Ultimate Lifetime Insurance |

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