

SmartPro 120V 750VA 450W Line-Interactive UPS, AVR, Tower, USB, Surge-only Outlets

MODEL NUMBER: **SMART750USB**



Description

Tripp Lite's SMART750USB line-interactive UPS system offers automatic voltage regulation, surge suppression and long lasting battery support. 750VA/450 watt power handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Internal UPS circuits support entry level PC systems for up to 45 minutes during power failures so that connected equipment can be shut down without data loss. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89 volts back to usable levels without using battery power. Offers complete desktop power protection in an attractive, black tower configuration. Includes 3 battery-supported outlets for computer, monitor and one vital system peripheral as well as 3 additional surge-only outlets for printers and other system accessories that do not require battery support. USB port (USB cable included) enables optional unattended system shutdown without data loss in the case of extended power failure. PowerAlert UPS monitoring software is available via free download. Built-in dataline protection jacks offer protection of a single dialup phone/DSL line or network Ethernet connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage boost operation. Offers 2.2 minutes battery runtime with a full load of 750VA/450 watts and 8.3 minutes with a half load of 375VA/225 watts. Supports battery replacement via built-in access panel. \$200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

Features

- SMART750USB line-interactive UPS system offers extended voltage regulation (AVR) and battery support as well as complete AC and dialup/DSL/Ethernet line surge suppression
- Supports entry level PC systems for up to 45 minutes during power failures to enable a safe system shutdown
- Supports a max load of 750VA/450 watts for 2.2 minutes and a half load of 375VA/225 watts for 8.3

Highlights

- 750VA tower 120V line interactive UPS
- Corrects brownouts as low as 89V without using battery power
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL/ethernet protection
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

Package Includes

- SMART750USB line interactive UPS System
- USB and telephone interconnection cables
- Instruction manual with warranty information



minutes

- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 89 volts without using battery power
- Attractive black tower configuration
- Includes 3 battery-supported outlets, plus 3 additional surge-only outlets, 6 foot AC line cord (all NEMA 5-15)
- USB port enables unattended shutdown without data loss during extended power failures; includes USB cable
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again (part #WATCHDOGSW)
- Built-in dataline suppression jacks protect a single dialup phone/DSL line or network Ethernet line connection
- Built-in audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 750VA/450 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports battery replacement via built-in access panel
- Compatible with 120V/60Hz applications for USA, Canada, Mexico and more
- \$200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Specifications

| OVERVIEW | |
|------------------------------------|---------------------|
| UPC Code | 037332119940 |
| UPS Type | Line-Interactive |
| INPUT | |
| Rated input current (Maximum Load) | 12A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P; Right-Angled |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| Input Phase | Single-Phase |
| OUTPUT | |



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| Output Volt Amp Capacity (VA) | 750 |
| Output Watt Capacity (Watts) | 450 |
| Nominal Voltage Details | 115v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| UPS Output Receptacles (Surge Suppression Only) | 3 UPS outlets, 3 surge-only outlets |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (6) 5-15R |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Full Load Runtime (min.) | 2.2 min. (450w) |
| Half Load Runtime (min.) | 8.3 min. (225w) |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | RBC51 |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | No |
| 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% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Audible Alarm | Audible alarm indicates power-failure and low-battery conditions |
| LED Indicators | 4 LEDs indicate line power, battery power, overload and battery low/replace status |
| SURGE / NOISE SUPPRESSION | |



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| UPS AC Suppression Joule Rating | 510 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Installation Form Factors Supported with Included Accessories | Tower |
| Installation Form Factors Supported with Optional Accessories | Wallmount (UPSWM) - tower mounting kit |
| Primary Form Factor | Tower |
| Primary UPS Depth (mm) | 191 |
| Primary UPS Height (mm) | 274 |
| Primary UPS Width (mm) | 132 |
| Shipping Dimensions (hwd / cm) | 25.65 x 19.56 x 35.31 |
| Shipping Dimensions (hwd / in.) | 10.10 x 7.70 x 13.90 |
| Shipping Weight (kg) | 7.63 |
| Shipping Weight (lbs.) | 16.83 |
| UPS Housing Material | PVC |
| UPS Power Module Dimensions (hwd, cm) | 27.43 x 13.21 x 19.05 |
| UPS Power Module Dimensions (hwd, in.) | 10.8 x 5.2 x 7.5 |
| UPS Power Module Weight (kg) | 9.07 |
| UPS Power Module Weight (lbs.) | 20 |
| 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) | 38 |
| Battery Mode BTU / Hr. (Full Load) | 512 |
| AC Mode Efficiency Rating (100% Load) | 97% |
| COMMUNICATIONS | |
| PowerAlert Software | For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB interface cable included |



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| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Communications Interface | USB (HID enabled) |
| 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 |
| High Availability UPS Features | Hot swappable batteries |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| STANDARDS & COMPLIANCE | |
| 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 (U.S. & Canada) | 3-year limited warranty |
| Product Warranty Period (Latin America) | 3-year limited warranty |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 3-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$200,000 Ultimate Lifetime Insurance |

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