

## TRIPP LITE SMARTPRO BATTERY BACKUP

Lenovo® qualified ThinkServer®  
Ready for the ThinkServer TD230,  
TS130 and TS430.

Tripp Lite SmartPro  
Interactive Sine Wave  
Tower UPS System  
(P/N 0B33107)



### Highlights

- 750VA line-interactive, extended-run tower UPS for networks
- Maintains user selectable Sine Wave 120, 110 or 100V nominal output
- Simultaneous communications via SNMPWEBCARD slot, DB9 serial and HID enabled USB ports
- Free PowerAlert UPS monitoring software and cabling
- Input: NEMA 5-15P (120V, 15A)/Output: 8 NEMA 5-15R (120V)
- 2-year product warranty/\$250,000 Ultimate Lifetime Insurance (U.S., Puerto Rico and Canada only)

### Description

750VA line-interactive tower UPS system for server, networking and telecommunications equipment. Compatible with 120V, 110V or 100V nominal voltage at 60Hz. Switches to battery-derived AC output during power failures and extreme voltage variations. Line-interactive Automatic Voltage Regulation (AVR) provides voltage boost during brownouts and voltage cut during overvoltages to maintain regulated output during brownouts and overvoltages. Includes NEMA 5-15P input plug and 8 NEMA 5-15R output receptacles. Network-grade AC surge and noise suppression. Network management via USB port, DB9 serial port and SNMPWEBCARD slot. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows®

and Mac OS X. Supports detailed monitoring of equipment load levels, self-test data and utility power conditions via all 3 network interfaces at once. Includes PowerAlert monitoring software and complete cabling. Features 3-stage load current monitoring and battery charge status, plus line power and voltage boost/cut status LEDs. Dateline surge suppression protects dialup, DSL or network Ethernet connection. Audible alarm. Self-test. Field replaceable, hot-swappable internal batteries and external battery packs. Attractive all-black color scheme. 2-year warranty and \$250,000 connected equipment insurance; extended warranty and service contracts available.

### Applications

Ideal for the protection of network file servers, remote unattended servers and web servers.

### Package Includes

- SMART 750XLa UPS System
- PowerAlert Software CD-Rom
- USB and serial cabling
- User manual with warranty information

### Features

- SmartPro line-interactive UPS system is ideal for voice, data, medical and industrial networking applications
- Large internal batteries offer 27 minutes at half load (375VA/250W) and 10 minutes at full load (750VA/500W)

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- Line-interactive Automatic Voltage Regulation (AVR) maintains selectable 120V, 110V or 100V nominal output during brownouts as low as 83V and overvoltages to 145V
- Network interfaces support simultaneous communications via built-in USB port, DB9 serial port and SNMPWEBCARD slot
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows® and Mac OS X
- Included PowerAlert UPS monitoring software supports safe unattended shutdown, monitoring and control via local connected servers, plus any number of additional servers over IP
- UPS interface supports on-battery, low-battery, power-restored, AC-voltage, DC-voltage, output current

- monitoring, battery charge current, battery capacity, timed inverter shutoff, activate self-test and output power control
- NEMA 5-15P input plug; 8 battery-supported NEMA 5-15R output receptacles
- Dataline surge suppression protects dialup, DSL or network Ethernet connection
- Front panel LEDs offer current monitoring, voltage regulation and battery charge level information
- UPS ships fully assembled in full compliance with DOT regulations; no time-consuming connection of internal batteries by user required
- 2-year warranty; \$250,000 Ultimate Lifetime Insurance (U.S. and Canada only)

## SPECIFICATIONS

Output		Input	
Output Volt Amp Capacity (VA)	750	Rated input current (at maximum load)	5.4A (120V), 5.8A (110V), 6.4A (100V)
Output Watt Capacity (watts)	500	Nominal input voltage(s) supported	100V AC, 110V AC, 120V AC
Nominal Output Voltage(s)	100V, 110V, 120V	UPS input connection type	5-15P
Frequency Compatibility	60Hz	UPS input cord length (ft)	6ft
Output Voltage Regulation (line mode)	-13%, +15%	Recommended electrical service	120V, 15A
Built-in UPS Output Receptacles	8 5-15R outlet(s)	Voltage compatibility (VAC)	120
Battery		Voltage Regulation	
Full load runtime (minutes)	10 minutes (500W)	Voltage regulation description	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120, 110, 100V nominal output, without using battery power, during brownouts 95V (120V), 87V (110V), 83V (100V)
Half load runtime (minutes)	27 minutes (250W)	Overvoltage correction	Input voltages between 127V and 145V (120V), 116 and 133 (110V), 111 and 121 (100V) are reduced by 12%
Expandable battery runtime	Runtime is expandable with BP24V28-2U (limit 1) or BP24V70-3U (multi-pack compatible)	Undervoltage correction	Voltage boost of 14% applies when input is 95 – 108 (120V), 87 – 99 (110V), 83 – 90 (100V)
External battery pack compatibility	BP24V15RT2U		
DC System Voltage (VDC)	24		
Battery recharge rate (included batteries)	Less than 4.5 hours from 10% to 90%		
Replacement battery cartridge (internal UPS battery replacement)	RBC24-SLT		
Battery access	Supports battery access and hot-swap replacement without powering connected equipment off		
LEDs Alarms and Switches		Surge/Noise Suppression	
LED Indicators	9 LEDs indicate line power, battery power, AVR, overload and replace battery status—with a 3-LED level meter for load and battery charge level	UPS AC suppression joule rating	570J
Alarms	Audible alarm warns of power failure condition	EMI/RFI AC noise suppression	Yes
Switches	Includes two pushbutton switches for on/off power control and self-test/ alarm cancel functions. Also includes two dip switch controls for setting the nominal voltage	AC suppression response time	Instantaneous
		Dataline suppression	Includes 8-wire RJ45 jack; pins 1, 2, 3 and 6 provide 10baseT Ethernet line surge suppression with 7.5V clamping; pins 4 and 5 provide single-line tel/ DSL line surge suppression starting at 260V

Physical			
Installation form factors supported with included accessories	Tower	UPS/Power Module weight (kg)	15.4
Primary form factor	Tower	UPS Shipping dimensions (heightxwidthxdepth/inches)	13x10x23.8
UPS/Power Module dimensions in primary form factor (heightxwidthxdepth/inches)	10.1x6.7x13.8	UPS Shipping dimensions (heightxwidthxdepth/cm)	33x25.4x60.3
UPS/Power Module dimensions in primary form factor (heightxwidthxdepth/cm)	25.7x17x35.1	Shipping weight (lb)	37
UPS/Power Module weight (lb)	33.9	Shipping weight (kg)	16.8
		UPS housing material	Steel
		Cooling method	Fan
Environmental		Communications	
Operating temperature range	+32 to +104 °F/0 to +40 °C	Communications interface	USB; DB9 Serial; Slot for SNMP/Web interface
Storage temperature range	+5 to +122 °F/-15 to +50 °C	WatchDog compatibility	Compatible with Tripp Lite's WatchDog Software 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
Relative humidity	0 to 95%, non-condensing	SNMP compatibility	SNMP adapter accessory # SNMPWEBCARD
AC mode BTU/hr (full load)	70.8	Software and cabling included	Includes PowerAlert UPS monitoring software for all common network and stand-alone operating systems. Ships with 2 cables, 1 USB and 1 DB9
Battery mode BTU/hr (full load)	300		
Audible noise	Audible Noise <50 dBA at Front Side 1 Meter		
Line/Battery Transfer		Special Features	
Transfer time	4 – 8 milliseconds	Cold start (startup in battery mode during a power failure)	Cold start operation supported
Low voltage transfer to battery power (setpoint)	95V (120V), 87V (110V), 83V (100V)	Appearance	Attractive all-black tower UPS
High voltage transfer to battery power (setpoint)	145V (120V), 133V (110V), 121V (100V)		
Certifications		Warranty	
Certifications	Tested to UL1778 (U.S.), CSA (Canada), RoHS Compliant, Class B (Emissions), NOM (Mexico), FCC Part 68/Industry Canada (telecommunications)	Product Warranty Period (U.S., Canada and Puerto Rico) Connected Equipment Insurance (U.S., Canada and Puerto Rico)	2-year limited warranty \$250,000 Ultimate Lifetime Insurance
		Optional Coverage	3 – 5 year warranties, plus next day and on-site warranty coverage available for select opportunities. Contact Tripp Lite for additional information



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