

SmartPro Tower UPS

Intelligent, line-interactive network power management system



Model #: SMX750SLT

- ▶ 750VA line interactive tower UPS
- ▶ Maintains sine-wave 220/230/240V nominal output during undervoltages to 151 and overvoltages to 289
- ▶ Network communications supported via USB port, serial port, SNMP/Web card slot
- ▶ Single line Tel/DSL and network Ethernet line surge suppression
- ▶ Input: C14 inlet / Output: 6 C13 outlets
- ▶ 2 year product warranty

DESCRIPTION

Tripp Lite's SMX750SLT intelligent, line-interactive sine wave UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 20 minutes half load runtime and 7 minutes full load runtime. 750VA / 500 watt power handling capability and full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes 6 protected C13 output receptacles total. Supports simultaneous remote monitoring of UPS and site power conditions via built-in network accessory card slot, USB and DB9 serial monitoring ports. Optional SNMPWEBCARD accessory enables remote monitoring of UPS as a managed device via network management console applications. Communications interfaces support messaging of UPS and line power status, plus output power control for delayed or immediate reboot of all connected devices at once. Includes PowerAlert UPS monitoring and unattended shutdown software with management support for an unlimited number of network UPS systems. Single line Tel/DSL and network Ethernet line surge suppression. Built-in audible alarm and 9 LEDs offer status notification for line power, battery power, battery charge level, load level, plus AVR boost and trim operational status information. Network grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, all-black tower housing. Two year warranty.

KEY BUYING POINTS

- SMX750SLT line-interactive UPS offers battery derived sine wave AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 750VA / 500 watt power handling capability with full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic devices
- Large internal batteries offer runtimes of 20 minutes at half load (325VA / 250 watts) and 7 minutes at full load (750VA / 500 watts)
- Automatic Voltage Regulation (AVR) circuits maintain user-selectable 220, 230 or 240V nominal output over an input voltage range of 151 to 265 (220V) / 158 to 277 (230V) / 165 to 289 (240V)
- Includes 6 C13 output receptacles
- PowerAlert UPS monitoring and unattended shutdown software enables configurable network broadcast messaging, email notification, event logging and running user-defined script commands
- Offers simultaneous monitoring by up to 3 directly-connected devices through included USB, DB9 and SNMP* interfaces (*requires optional SNMPWEBCARD), or the monitoring of any number of additional UPS systems over IP with included PowerAlert monitoring software.
- Communications ports support messaging of UPS and line power status, including on-battery, low-battery, power restored, AC line voltage, DC battery voltage and remaining battery capacity
- Supports timed inverter shutoff after unattended shutdown, activate self-test and UPS output power control for delayed or immediate reboot of connected equipment
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by systematically restarting applications, operating systems and ultimately rebooting completely locked computers by momentarily switching UPS power off and back on again (requires optional WATCHDOGSW)
- 9 LEDs offer continuous status information of UPS operating parameters and site power quality
- Hot-swappable batteries allow on-site battery replacement without powering off connected equipment
- Single line Tel/DSL and network Ethernet line surge suppression

- UL (USA), cUL (Canada), CE / IEC 62040, GOST, SASO
- 2 year warranty

TYPICAL APPLICATIONS

- Ideal for the protection of network file servers, internetworking gear, switches, hubs, POS terminals, VoIP telephony and traditional PBX switching systems, back office computer systems, ATM machines, informational/internet/commerce kiosks, remote unattended servers, web servers, database servers, security systems, card readers, security cameras and other sensitive electronic devices requiring clean, continuously-regulated output power.

OPTIONS & ACCESSORIES

- SNMP accessories: [SNMPWEBCARD](#), [ENVIROSENSE](#)
- Watchdog software: [WATCHDOGSW](#)
- Dataline protectors: [DNET1](#) [DTEL2](#), [DCATV](#)
- USB Hubs-accessories: [U202-004-R](#), [U205-004-R](#), [U022-010](#)

PACKAGE INCLUDES

- SMX750SLT UPS System
- PowerAlert Software CD-ROM
- USB and serial cabling
- User manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview: Line-interactive tower UPS protects against blackouts, brownouts, overvoltages, surges and line noise. Maintains AC output during blackouts and continuously corrects brownouts and overvoltages back to normal levels. Supports enhanced monitoring of UPS and line power conditions via built-in USB and DB9 serial ports, included PowerAlert monitoring software and complete cabling. Includes expansion slot for use with internal SNMPWEBCARD.

Voltage compatibility: 220, 230, 240V (selectable)

Frequency compatibility: 50 / 60 Hz (Auto)

OUTPUT

Output volt amp capacity (VA): 750

Output watt capacity (watts): 500

Output nominal voltage: 220, 230, 240V (selectable)

Output voltage regulation: LINE MODE: Sine wave line voltage 220 / 230 / 240V (-9% / +5%), BATTERY MODE: Sine wave output 220 / 230 / 240V (+/-5%)

Output frequency regulation: LINE MODE: Passes line frequency of +/-10% BATTERY MODE: Inverter output regulated to 50/60Hz (+/- 1Hz)

Outlet quantity / type: 6 C13 outlets

Customized load management receptacles: Output receptacles are arranged in a single load bank configuration that can be remotely controlled via software interface for delayed or immediate reboot of connected equipment

INPUT

Maximum input amps: 3.6 (220V) / 3.5 (230V) / 3.4 (240V)

Input connection type: C14 inlet

BATTERY

Full load runtime:	7 minutes (750VA)
Half load runtime:	20 minutes (375VA)
DC system voltage:	24V DC
Typical battery lifespan:	3-6 years, depending on usage
Battery recharge rate:	4-8 hours to 90%
Replacement Battery Cartridge:	RBC51 (quantity 2)

VOLTAGE REGULATION

Voltage regulation description:	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 220 / 230 / 240V nominal output, without using battery power, during brownouts as low as 151 and overvoltages as high as 289V
Overvoltage correction:	Input voltages between 232-265 (220V) / 243-277 (230V) / 254-289 (240V) are reduced by 13%
Brownout correction:	Input voltages between 178-198 (220V) / 186-207 (230V) / 194-216 (240V) are boosted by 15%
Severe brownout correction:	Input voltages between 151-173 (220V) / 158-181 (230V) / 165-189 (240V) are boosted by 32%

LEDS ALARMS & SWITCHES

Front panel LEDs:	Includes 9 front panel LEDs to indicate line / battery power status, over / under voltage correction, battery charge level (4 LEDs), load percentage (4 LEDs), overload and replace battery.
Alarms:	Audible alarms indicate BATTERY MODE (.4 sec. On / 4.6 sec. Off) and OVERLOAD (.4 sec. On / .6 sec. Off), UPS POWERED ON (single .4 sec. On)
Switches:	Yes, includes 2 front panel mounted switches - POWER ON switch powers UPS on in AC or battery mode when pressed longer than one second. Power on switch also initiates self test when pressed longer than .5 seconds as the UPS is in line power mode. Also serves as an alarm silence when pressed for longer than .5 seconds in battery mode. POWER OFF switch turns UPS off when pressed and held for longer than 1 second.

SURGE / NOISE SUPPRESSION

AC surge suppression:	480 joules
AC suppression response time:	Instantaneous
Dataline suppression:	Set of 8 wire RJ jacks offer protection for 10baseT network connection with a clamping voltage of 7.5V on pins 1,2,3 & 6 or single line Tel/DSL surge suppression starting at 260V on center pins 4 & 5
EMI / RFI AC noise suppression:	Yes

PHYSICAL

Shipping weight (lbs):	32
Shipping weight (kg):	14.5
Unit weight (lbs):	30
Unit weight (kg):	13.6
Unit Dimensions (HWD/in):	10.25 x 6.75 x 9
Unit Dimensions (HWD/cm):	26 x 17.1 x 22.9
Shipping Dimensions (HWD/in):	13.75 x 9.75 x 13.25
Shipping Dimensions (HWD/cm):	34.9 x 24.8 x 33.7
Material of construction:	Steel
Form factors supported:	Tower
Cooling method:	Rear panel fan

Battery Access: Supports battery access and hot-swap replacement without powering connected equipment off

ENVIRONMENTAL

Operating Temperature: +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius

Storage Temperature: +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius

Relative Humidity: 0 to 95%, non-condensing

COMMUNICATIONS

Network monitoring port: Includes 2 built-in monitoring ports, 1-USB & 1-DB9. Each supports on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, temperature and line frequency status messaging. Interface supports timed inverter shutoff after unattended shutdown, activate self-test and output power control for delayed or immediate reboot of connected equipment

Software and cabling included: Includes PowerAlert UPS monitoring software for all common network and standalone operating systems. Ships with 2 cables, 1-USB & 1-DB9

SNMP compatibility: Yes via SNMP adapter accessory #SNMPWEBCARD

WatchDog compatibility: Yes, 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

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode: 4-8 milliseconds

Low voltage transfer to battery power: Switches to battery power as line voltage decreases to 151 (220V) / 158 (230V) / 165 (240V) volts or less. Resets back to line power mode as line voltage increases to 159 (220V) / 166 (230V) / 173 (240V) volts.

High voltage transfer to battery power: Switches to battery power as line voltage increases to 265 (220V) / 277 (230V) / 289 (240V) volts or higher. Resets back to line power mode as line voltage decreases to 258 (220V) / 270 (230V) / 282 (240V)

CERTIFICATIONS

Certifications: UL (USA), cUL (Canada), CE / IEC 62040, GOST, SASO, RoHS-compliant

WARRANTY

Product warranty: 2 year product warranty

SPECIAL FEATURES

Cold Start: Yes, inverter can be "cold started" to enable temporary AC output during a power failure by pressing and holding the POWER ON button for longer than 1 second.

Appearance: Attractive all-black tower UPS

*The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.*



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