Model #: SM750UNAFTA

Smart USB UPS System - NAFTA assembled version of SMART750USB

Highlights

750VA line interactive tower UPS

Maintains 120V nominal during brownout conditions

Workstation optimized features include USB port, single line TEL / DSL or ethernet line surge suppression and three surge-only outlets

Input: NEMA 5-15P (120V 15A) / Output: 6 NEMA 5-15R (120V)

2 year product warranty / $200,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

Tripp Lite's SM750UNAFTA 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 Software available via free download from www.tripplite.com. 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 3 minutes battery runtime with a full load of 750VA/450 watts and 11 minutes with a half load of 375VA/225 watts. Supports battery replacement via built-in access panel. 2 year warranty. $200,000 connected equipment insurance (USA & Canada Only).

Applications

Entry-level PCs, networked workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Ideal for sensitive electronic applications in areas where brownout conditions are common.

Package Includes

SM750UNAFTA Standby UPS System

USB and telephone interconnection cables

Instruction manual with warranty information

Features

SM750UNAFTA 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 3 minutes and a half load of 375VA/225 watts for 11 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

Built-in USB port supports on battery, low battery, power restored, AC line voltage, DC battery voltage and battery capacity messaging; interface supports timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment

PowerAlert UPS monitoring and unattended shutdown software available via free download from www.tripplite.com

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

2 year manufacturer's warranty

$200,000 Ultimate Lifetime Insurance (USA & Canada Only)

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V AC
Frequency compatibility	60Hz
OUTPUT	
Output VA	750
Output watts	450
Output nominal voltage	120V AC
Output voltage regulation	BATTERY MODE: PWM sine wave 120V +/-5%
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type	6 NEMA 5-15R
INPUT	
Maximum input amps	10A / 1200 watts
Input connection type	NEMA 5-15P, right-angle plug
Input cord length	6 ft., 16 gauge
Recommended electrical service	15A 120V
BATTERY	
Full load runtime	3 minutes (750VA)
Half load runtime	11 minutes (375VA)
DC system voltage	12 V DC
Typical battery lifespan	3-6 years, depending on usage
Battery recharge rate	2-4 hours to 90%
Replacement Battery Cartridge	RBC51
VOLTAGE REGULATION	
Voltage regulation description	Line interactive voltage regulation corrects brownouts as low as 89V
Brownout correction	Input voltages between 89 and 104 are boosted by 14%
LEDS ALARMS & SWITCHES	

Front panel LEDs	4 LEDs indicate performance conditions: GREEN "online" / GREEN "voltage regulation enabled" / RED "on battery" / YELLOW "battery low/replace"
Alarms	Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes of runtime remain
Switches	Includes 2 front panel switches - one main on/off power switch and one dual function "alarm cancel" / "self test" button

SURGE / NOISE SUPPRESSION

AC surge suppression	480 joules
AC suppression response time	Instantaneous
Dataline suppression	Tel/DSL/Ethernet
EMI / RFI AC noise suppression	Yes

PHYSICAL

Shipping weight (lbs)	19.4
Shipping weight (kg)	8.8
Shipping Dimensions (HWD/in)	14 x 8.5 x 11
Shipping Dimensions (HWD/cm)	35.6 x 21.6 x 28
Unit weight (lbs)	17.4
Unit weight (kg)	7.9
Unit Dimensions (HWD/in)	10.75 x 5.25 x 7.5
Unit Dimensions (HWD/cm)	27.3 x 13.3 x 19.1
Material of construction	PVC
Form factors supported	Tower
Cooling method	Convection
Battery Access	Battery access door allows user replacement of UPS batteries

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
Line mode BTU/hr. (Max.)	39.2
Battery mode BTU/hr. (Max.)	133.0

COMMUNICATIONS

Network monitoring port	USB
Software and cabling included	USB cabling included, PowerAlert software available for free download at www.tripplite.com
WatchDog compatibility	Yes, compatible with 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

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 89 volts or less.
High voltage transfer to battery power	Switches to battery power as line voltage increases to 139 volts or higher.
CERTIFICATIONS	
Certifications	Tested to UL1778 (USA), cUL (Canada), Class B (emissions), NOM (Mexico), FCC Part 68 / Industry Canada (Telecommunications)
WARRANTY	
Product warranty	2 year product warranty
Connected equipment insurance (USA and Canada Only	$200,000 connected equipment insurance (USA /Canada only)
Optional coverage	3-5 year warranties, plus next day and on-site warranty coverage available for select opportunities. Contact Tripp Lite for additional information.
SPECIAL FEATURES	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance	Attractive all-black tower UPS

More information, including related products, owner's manuals, and additional technical specifications, can be found online at