OmniSmart 120V 500VA 300W Line-Interactive UPS, Tower, USB port

MODEL NUMBER: **OMNISMART500**

Highlights

- 500VA tower 120V line-interactive UPS
- Corrects brownouts and overvoltages from 75V to 147V
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL protection, Front panel status LEDs
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

Package Includes

- OMNI SMART 500 UPS System
- USB and RJ11 Phone Cable
- Instruction manual with warranty information

Description

Tripp Lite's OMNI SMART 500 line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Supports entry level PC systems for up to 30 minutes during power failures so that connected equipment can be shutdown without data loss. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 75 volts and overvoltages as high as 147 back to normal 120V levels without consuming battery power. Offers complete desktop power protection in an attractive black upright tower configuration. Includes 3 battery supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. USB port enables optional unattended system shutdown without data loss in the case of extended power failure. USB cabling included. PowerAlert software available via download. HID-compliant USB port also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in dataline protection jacks offer protection of a single dialup phone/DSL line. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and overload status. 500VA/300 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. Offers 4 minutes battery runtime with a full load of 500VA/300 watts and 14.6 minutes with a half load of 250VA/150 watts. Supports battery replacement via built-in access panel.

Features

- OMNISMART500 line interactive UPS system offers voltage regulation and battery support, plus complete AC and dialup/DSL line surge suppression
- Supports entry level PC systems for up to 30 minutes during power failures to enable a safe system shutdown
- Supports a maximum load of 500VA/300 watts for 4 minutes and a half load of 250VA/150 watts for

14.6 minutes

- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 75 volts and overvoltages as high as 147 back to normal 120 volt levels without using battery power
- Attractive black tower configuration
- Includes 3 battery supported outlets, plus 3 additional surge suppression-only outlets, 6 foot AC line cord (all NEMA 5-15)
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- HID-compliant USB port also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Supports Tripp Lite's WatchDog Service Monitoring/Rebooting Software (part# WATCHDOGSW)
- Dataline suppression jacks protect a single dialup phone/DSL line
- Audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 500VA/300 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
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Short circuit protection during AC and battery modes

Specifications

OVERVIEW	
UPC Code	037332034137

OUTPUT	
Output Volt Amp Capacity (VA)	500
Output Watt Capacity (Watts)	300
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	+/- 5%
Output Receptacles	(6) 5-15R

UPS Output Receptacles (Surge Suppression Only)	3 UPS outlets, 3 surge-only outlets
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R 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; Right-Angled
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.)	4 min. (300w)
Half Load Runtime (min.)	14.6 min. (150w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 3.6 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 an input voltage range of 75 to 147
Overvoltage Correction	Input voltages between 128 and 147 are reduced by 12%
Undervoltage Correction	Input voltages between 93 and 107 are boosted by 14%
Severe Undervoltage Correction	Input voltages between 75 and 92 are boosted by 30%

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	
UPS AC Suppression Joule Rating	480
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
AC Suppression Joule Rating	480
AC Suppression Response Time	Instantaneous
Dataline Suppression	1 line TEL / DSL or 10Base T Ethernet protection

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
UPS Power Module Dimensions (hwd, in.)	8.5 x 5 x 7
UPS Power Module Dimensions (hwd, cm)	21.59 x 12.70 x 17.78
UPS Power Module Weight (lbs.)	12
UPS Power Module Weight (kg)	5.44
Shipping Dimensions (hwd / in.)	9.200 x 7.800 x 12.200
Shipping Dimensions (hwd / cm)	23.37 x 19.81 x 30.99
Shipping Weight (lbs.)	14.1000
Shipping Weight (kg)	6.40
UPS Housing Material	PVC
Primary UPS Height (mm)	216
Primary UPS Width (mm)	127
Primary UPS Depth (mm)	178

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)	54
Battery Mode BTU / Hr. (Full Load)	323

AC Mode Efficiency Rating (100% Load)	95%
COMMUNICATIONS	
Communications Interface	USB (HID enabled)
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 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)	75
High Voltage Transfer to Battery Power (Setpoint)	147
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
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)	$200,000 Ultimate Lifetime Insurance