

Omni VS UPS System

Line interactive UPS for personal PCs and workstations



Cisco
Compatible

Cisco Systems Technology Developer Partner

Model #: OMNIVS500U

- ▶ 500VA line interactive UPS
- ▶ Enhanced communications via USB port, free PowerAlert software (via download) and cabling
- ▶ 3 AC outlets
- ▶ Corrects brownouts to 83V, without using battery power
- ▶ Single line TEL/DSL line surge suppression
- ▶ 2 year warranty

DESCRIPTION

Tripp Lite's OMNIVS500U line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 17 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 83 volts back to usable levels without using battery power. USB port enables optional unattended system shutdown without data loss in the case of extended power failure, USB cable included. PowerAlert software available via free download from www.tripplite.com. Built-in single line RJ phone suppression jacks protect modem, fax machine, cordless phone or other peripheral with a standard dialup/DSL phone connection. Offers complete desktop power protection in an attractive black tower configuration. Includes 3 outlets with battery support and AC surge suppression. Built-in audible alarm and 2 front panel LEDs indicate line power and battery power status. 500VA power handling ability supports entry-level PCs, workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater system components. Offers 4 minutes battery runtime with a full load of 500VA and 12 minutes with a half load of 250VA. Supports battery replacement via built-in hot-swappable access panel. 2 year warranty.

KEY BUYING POINTS

- OMNIVS500U Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support
- Supports entry level PCs up to 17 minutes during blackouts to enable shutdown without data loss
- Regulates brownouts as low as 83 volts back to usable levels without using battery power
- USB port and cable enables unattended shutdown in the case of extended power failure
- PowerAlert software available via free download from www.tripplite.com
- Single line phone suppression protects standard dialup/DSL phone connection
- 3 UPS supported outlets with complete AC surge suppression
- Audible alarm and 2 front panel LEDs offer UPS and line power status information
- 500VA power handling ability supports a variety of sensitive electronic equipment
- 4 minutes full load runtime (500VA), 12 minutes half load runtime (250VA)
- Supports hot swappable battery replacement via built-in access panel
- 2 year product warranty.

TYPICAL 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.

OPTIONS & ACCESSORIES

- Dataline protectors: [DNET1](#), [DTEL2](#), [DCATV](#)
- Wallmount Bracket: [UPSWM](#)
- Circuit Tester: [CT120](#)

PACKAGE INCLUDES

- OMNIVS500U line interactive UPS
- Phone line cable, USB cable
- Instruction manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview: 500VA line interactive UPS for PCs and workstations, Battery supported AC outlets with surge suppression, USB monitoring port with cable, Free PowerAlert software via download, Single line TEL/DSL line surge suppression, Audible alarms, Automatic voltage regulation (AVR), Cold-start ability, Status indicator LEDs, Attractive all-black cabinet, Hotswappable batteries, Battery access panel

Voltage compatibility: 120VAC

Frequency compatibility: 60Hz

OUTPUT

Output volt amp capacity (VA): 500

Output watt capacity (watts): 300

Output nominal voltage: 120VAC

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: 3 NEMA 5-15R

INPUT

Maximum input amps: 2.8A

Input connection type: NEMA 5-15P

Input cord length: 6 ft., 18 gauge

Recommended electrical service: 15A 120V

BATTERY

Full load runtime: 4 minutes (500VA)

Half load runtime: 12 minutes (250VA)

DC system voltage: 12 VDC

Typical battery lifespan: 3-6 years, depending on usage

Battery recharge rate: 2-4 hours to 90%

VOLTAGE REGULATION

Voltage regulation description: Line interactive voltage regulation corrects brownouts as low as 83V back to 120V nominal values

Brownout correction: Input voltages between 83 and 105 are boosted by 14%

LEDS ALARMS & SWITCHES

Front panel LEDs: 2 LEDs indicate performance conditions: GREEN "online" / RED "on battery"

Alarms: Audible alarm sounds to indicate loss of power conditions

Switches: Includes 1 front panel switch for power OFF/ON and SELF TEST control

SURGE / NOISE SUPPRESSION

AC surge suppression: Conforms to IEEE 587 / ANSI C62.41 specifications

Dataline suppression: Tel/DSL

EMI / RFI AC noise suppression: Yes

PHYSICAL

Shipping weight (lbs): 13

Shipping weight (kg): 5.9

Unit weight (lbs): 12

Unit weight (kg): 5.5

Unit Dimensions (HWD/in): 8.5 x 4.25 x 5.75

Unit Dimensions (HWD/cm): 21.6 x 10.8 x 14.6

Shipping Dimensions (HWD/in): 11.5 x 4.75 x 8.5

Shipping Dimensions (HWD/cm): 29.2 x 12.1 x 21.6

Material of construction: Polycarbonate

Form factors supported: Tower

Cooling method: Convection

Battery Access: Battery access door allows user replacement of UPS batteries. Supports hot-swappable battery replacement.

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: 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 83 volts or less. Resets to line power mode as line voltage increases to 87V or higher.

High voltage transfer to battery power: Switches to battery power as line voltage increases to 147 volts or higher. Resets to line power mode as line voltage decreases to 143V or less.

CERTIFICATIONS

Certifications: UL1778 (USA), cUL (Canada), NOM (Mexico), FCC Class B (emissions)

WARRANTY

Product warranty: 2 year product warranty

SPECIAL FEATURES

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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