

# Omni VS UPS System

Line interactive UPS for personal computers and workstations



## Model #: OMNIVS1500XL

- ▶ 1500VA line interactive UPS with expandable runtime
- ▶ 8 outlets (6 UPS/surge and 2 surge-only)
- ▶ Single line TEL/DSL and network ethernet line surge suppression
- ▶ Enhanced communications via USB port, free PowerAlert software (via download) and cabling
- ▶ Corrects brownouts and overvoltages from 75 to 147
- ▶ \$200,000 Ultimate Lifetime Insurance

## DESCRIPTION

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Tripp Lite's OMNIVS1500XL line interactive UPS system offers voltage regulation, surge suppression and long lasting, expandable battery support for personal computers, internetworking equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 75 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 75 and overvoltages up to 147 volts back to usable 120V levels without using battery power. Offers complete desktop power protection in an attractive black tower configuration. Includes 6 battery supported outlets for computer, monitor and one vital system peripheral, plus 2 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 cable included. PowerAlert software available via free download from [www.tripplite.com](http://www.tripplite.com). Built-in dataline suppression offers protection for equipment with single line TEL/DSL or network ethernet connection. Audible alarm and 4 front panel LEDs indicate line power, battery power, battery low/replace status and voltage boost operation. 1500VA 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 5 minutes battery runtime with a full load of 1500VA and 14 minutes with a half load of 750VA. Supports hot-swappable battery replacement via built-in access panel. Extended runtime available with optional BP24V14 external battery pack.

## KEY BUYING POINTS

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- OMNIVS1500XL Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support
- Supports entry level PCs up to 75 minutes during blackouts to enable shutdown without data loss
- Regulates brownouts as low as 75 and overvoltages to 147V back to usable 120V nominal levels without using battery power
- 6 UPS battery supported outlets, plus 2 additional surge suppression-only outlets
- USB port and cable enables UPS monitoring and unattended shutdown in the case of extended power failure
- PowerAlert software available via free download from [www.tripplite.com](http://www.tripplite.com)
- Dataline surge suppression protects standard dialup/DSL or ethernet line connection
- Audible alarm and 4 front panel LEDs offer complete UPS and line power status information
- 1500VA power handling ability supports a variety of sensitive electronic equipment
- 5 minutes full load runtime (1500VA), 14 minutes half load runtime (750VA)
- Runtime is further expandable with the addition of BP24V14 external battery pack
- Supports hot swappable battery replacement via built-in access panel
- \$200,000 connected equipment insurance (USA & Canada Only)
- 2 year warranty

## TYPICAL APPLICATIONS

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- 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

- External battery pack: [BP24V14](#)
- Dataline protectors: [DNET1](#), [DTEL2](#), [DCATV](#)
- Wallmount Bracket: [UPSWM](#)
- Watchdog software: [WATCHDOGSW](#)
- USB Hubs-accessories: [U202-004-R](#), [U205-004-R](#), [U022-010](#)
- Circuit Tester: [CT120](#)
- Extended warranties: 3 Year [WEXT3-OMNI](#), 5 Year [WEXT5-OMNI](#)

## PACKAGE INCLUDES

- OMNIVS1500XL Line Interactive UPS
- USB and telephone cable
- User manual with warranty information

## COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
<b>System overview:</b>	1500VA line interactive UPS for PCs and workstations, Expandable battery runtime, Battery supported AC outlets with surge suppression, Surge suppression-only outlets, Audible alarms, Self-test/alarm cancel switch, Automatic voltage regulation (AVR), Cold-start ability, Single line TEL protection, Network ethernet line surge suppression, Status indicator LEDs, USB monitoring port, USB cable, Attractive all-black cabinet, Hotswappable batteries, Battery access panel
<b>Voltage compatibility:</b>	120V AC
<b>Frequency compatibility:</b>	60Hz
OUTPUT	
<b>Output volt amp capacity (VA):</b>	1500
<b>Output watt capacity (watts):</b>	940
<b>Output nominal voltage:</b>	120VAC
<b>Output voltage regulation:</b>	LINE MODE: Sine wave line voltage 120V (-18% / +8%), BATTERY MODE: PWM sine wave output 120V +/-5%
<b>Output frequency regulation:</b>	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
<b>Outlet quantity / type:</b>	8 NEMA 5-15R output receptacles (6 with UPS and surge suppression / 2 with surge suppression only)
INPUT	
<b>Maximum input amps:</b>	12A
<b>Input connection type:</b>	NEMA 5-15P
<b>Input cord length:</b>	6 ft., 14 gauge
<b>Recommended electrical service:</b>	15A 120V
BATTERY	
<b>Full load runtime:</b>	5 minutes (1500VA / 940 watts) - add 1 BP24V14 for 14 minutes
<b>Half load runtime:</b>	14 minutes (750VA / 470 watts) - add 1 BP24V14 for 34 minutes
<b>DC system voltage:</b>	24VDC
<b>Typical battery lifespan:</b>	3-6 years, depending on usage
<b>Battery recharge rate:</b>	2-4 hours to 90%

<b>VOLTAGE REGULATION</b>	
<b>Voltage regulation description:</b>	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 75V and overvoltages to 147V
<b>Overvoltage correction:</b>	Input voltages between 128 and 147VAC are reduced by 12%
<b>Direct pass through:</b>	Input voltages between 108 and 127VAC are passed on to connected equipment unchanged
<b>Brownout correction:</b>	Input voltages between 93 and 107VAC are boosted by 14%
<b>Severe brownout correction:</b>	Input voltages between 75 and 92VAC are boosted by 30%
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Front panel LEDs:</b>	4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage regulation operation
<b>Alarms:</b>	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 runtime remain.
<b>Switches:</b>	Includes 2 front panel switches—one main on/off power switch and one dual function "alarm cancel" / "self test" button
<b>SURGE / NOISE SUPPRESSION</b>	
<b>AC surge suppression:</b>	1920 joules
<b>AC suppression response time:</b>	Instantaneous
<b>Dataline suppression:</b>	Single pair of 8 wire RJ-style phone connectors protects TEL/DSL or ethernet line. Dialup phone suppression on the center two wires with 260V clamping. Ethernet suppression covers pins 1,2,3,6 with 7.5V clamping. Includes phone cable.
<b>EMI / RFI AC noise suppression:</b>	Yes
<b>PHYSICAL</b>	
<b>Shipping weight (lbs):</b>	34.1
<b>Shipping weight (kg):</b>	15.5
<b>Unit weight (lbs):</b>	32.2
<b>Unit weight (kg):</b>	14.6
<b>Unit Dimensions (HWD/in):</b>	11.75 x 7.25 x 7.5
<b>Unit Dimensions (HWD/cm):</b>	29.8 x 18.4 x 19.1
<b>Shipping Dimensions (HWD/in):</b>	15.5 x 11 x 11.25
<b>Shipping Dimensions (HWD/cm):</b>	39.4 x 28 x 28.6
<b>Material of construction:</b>	Polycarbonate
<b>Form factors supported:</b>	Tower, wall mountable with UPSWM accessory
<b>Cooling method:</b>	Fan
<b>Battery Access:</b>	Battery access door allows user replacement of UPS batteries, hot swappable battery replacement supported
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature:</b>	+32 to +104 degrees Fahrenheit 0 to +40 degrees Celsius
<b>Storage Temperature:</b>	+5 to +122 degrees Fahrenheit -15 to +50 degrees Celsius
<b>Relative Humidity:</b>	0 to 95%, non-condensing
<b>COMMUNICATIONS</b>	
<b>Network monitoring port:</b>	Single 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.
<b>Software and cabling included:</b>	USB cabling included, PowerAlert software available for free download at <a href="http://www.tripplite.com">www.tripplite.com</a>

<b>WatchDog compatibility:</b>	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
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time from line power to battery mode:</b>	2-4 milliseconds
<b>Low voltage transfer to battery power:</b>	Switches to battery power as line voltage decreases to 75 volts or less. Resets back to line power mode as line voltage increases to 79V or higher.
<b>High voltage transfer to battery power:</b>	Switches to battery power as line voltage increases to 147 volts or higher. Resets back to line power mode as line voltage decreases to 143V or less.
<b>CERTIFICATIONS</b>	
<b>Certifications:</b>	UL1778 (USA), cUL (Canada), FCC Class B (emissions), NOM (Mexico), FCC Part 68 / Industry Canada (telecommunications)
<b>WARRANTY</b>	
<b>Optional coverage:</b>	3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.
<b>Product warranty:</b>	2 year product warranty
<b>Connected equipment insurance (USA and Canada Only):</b>	\$200,000 connected equipment insurance (USA and Canada only)
<b>SPECIAL FEATURES</b>	
<b>Cold Start:</b>	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
<b>Appearance:</b>	Attractive gray 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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