

Omni VS UPS System

Line interactive UPS for personal computers and workstations



Model #: OMNIVS1500XL

- ▶ 1500VA / 1.5kVA line interactive, extended-run tower UPS
- ▶ Maintains 120V nominal output over an input range of 75 to 147V
- ▶ Workstation optimized features include USB port, single line TEL / DSL or ethernet line surge suppression and two 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 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. 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 4.5 minutes battery runtime with a full load of 1500VA and 13 minutes with a half load of 750VA. Supports hot-swappable battery replacement via built-in access panel. Extended runtime available with optional BP24V14 or BP24V34 external battery packs.

KEY BUYING POINTS

- 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
- 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
- 4.5 minutes full load runtime (1500VA), 13 minutes half load runtime (750VA)
- Runtime is further expandable with the addition of BP24V14 or BP24V34 external battery packs
- Supports hot swappable battery replacement via built-in access panel
- \$200,000 connected equipment insurance (USA & Canada Only)
- 2 year 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

- External battery pack: [BP24V14](#), [BP24V34](#)
- 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

System overview:	"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"
Voltage compatibility:	120V AC
Frequency compatibility:	60Hz

OUTPUT

Output volt amp capacity (VA):	1500
Output watt capacity (watts):	940
Output nominal voltage:	120VAC
Output voltage regulation:	LINE MODE: Sine wave line voltage 120V (-18% / +8%), BATTERY MODE: PWM sine wave output 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:	8 NEMA 5-15R

INPUT

Maximum input amps:	12A
Input connection type:	NEMA 5-15P
Input cord length:	6 ft., 14 gauge
Recommended electrical service:	15A 120V

BATTERY

Full load runtime:	4.5 minutes (1500VA / 940 watts)
Half load runtime:	13 minutes (750VA / 470 watts)
DC system voltage:	24VDC
Typical battery lifespan:	3-6 years, depending on usage
Battery recharge rate:	2-4 hours to 90%

Replacement Battery Cartridge:	RBC51 (quantity 2)
VOLTAGE REGULATION	
Voltage regulation description:	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
Overvoltage correction:	Input voltages between 128 and 147VAC are reduced by 12%
Direct pass through:	Input voltages between 108 and 127VAC are passed on to connected equipment unchanged
Brownout correction:	Input voltages between 93 and 107VAC are boosted by 14%
Severe brownout correction:	Input voltages between 75 and 92VAC are boosted by 30%
LEDS ALARMS & SWITCHES	
Front panel LEDs:	4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage regulation operation
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 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):	34.1
Shipping weight (kg):	15.5
Unit weight (lbs):	32.2
Unit weight (kg):	14.6
Unit Dimensions (HWD/in):	11.75 x 7.25 x 7.5
Unit Dimensions (HWD/cm):	29.8 x 18.4 x 19.1
Shipping Dimensions (HWD/in):	15.5 x 11 x 11.25
Shipping Dimensions (HWD/cm):	39.4 x 28 x 28.6
Material of construction:	Polycarbonate
Form factors supported:	Tower
Cooling method:	Fan
Battery Access:	Battery access door allows user replacement of UPS batteries, hot swappable battery replacement supported
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 75 volts or less. Resets back to line power mode as line voltage increases to 79V or higher.

High voltage transfer to battery power:

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.

CERTIFICATIONS

Certifications:

Tested to UL1778 (USA), CSA (Canada), NOM (Mexico), FCC Class B (Emissions)

WARRANTY

Product warranty:

2 year product warranty

Connected equipment insurance (USA and Canada Only):

\$200,000 connected equipment insurance (USA and Canada only)

Optional coverage:

3-5 year warranties, plus next day and on-site warranty coverage available. 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 black tower UPS

BATTERY PACK ACCESSORY (optional)

Battery Pack Accessory (optional):

BP24V14 or BP24V34 (Limit one on both packs)

*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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