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Model #: OMNIVS1500XL

Omni VS UPS System - Line interactive UPS for personal computers and workstations



Highlights

- 1500VA / 1.5kVA line interactive, tower UPS with extended runtime capability
- Maintains 120V nominal output over an input range of 75V 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: 8 NEMA 5-15R (120V)
- \$200,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico & Canada only)
- 2 year product warranty

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 batteries 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 vital system peripherals, 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 data line suppression offers protection for equipment with single line TEL/DSL or network Ethernet connection. Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and overload. 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 BP24V34, BP24V15RT2U, BP24V28-2U, or BP24V70-3U external battery packs.

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

- OMNIVS1500XL Line Interactive UPS
- USB and telephone cable
- Owner's manual with warranty information

Features

- 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 75V 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
 Data line surge suppression protects standard dialup/DSL or Ethernet line connection
 Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and overload
 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 expandable with the addition of external battery packs ([SEE OPTIONS & ACCESSORIES](#))
 Supports hot swappable battery replacement via built-in access panel
 \$200,000 [connected equipment insurance](#) (USA, Puerto Rico & Canada Only)
 2 year warranty

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V AC
Frequency compatibility	60Hz
OUTPUT	
Output VA	1500
Output 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)
Expandable battery runtime	Extended runtime available with optional BP24V34, BP24V15RT2U, BP24V28-2U or BP24V70-3U external battery packs
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	5 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	510 joules
AC suppression response time	Instantaneous
Dataline suppression	Tel/DSL/Ethernet
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	30
Shipping weight (kg)	13.5
Shipping Dimensions (HWD/in)	15.5 x 11 x 11.25
Shipping Dimensions (HWD/cm)	39.4 x 28 x 28.6
Unit weight (lbs)	28
Unit weight (kg)	12.6
Unit Dimensions (HWD/in)	11.75 x 7.25 x 7.5
Unit Dimensions (HWD/cm)	29.8 x 18.4 x 19.1
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)	BP24V34, BP24V15RT2U, BP24V28-2U (Limit one on packs), BP24V70-3U (multi-pack compatible)

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/products/model.cfm?txtModelID=2730.