Model #: OMNIVS1500XL

OmniVS Series 1500VA Tower Line-Interactive 120V UPS with USB port and Extended-run options

Highlights

- 1500VA / 1.5kVA tower 120V line interactive extended-run UPS
- Corrects brownouts and overvoltages from 75 to 147V
- 6 UPS battery supported outlets, 2 surge-only outlets
- USB port, TEL/DSL/ethernet protection, External battery pack options
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

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 BP24V15RT2U, BP24V28-2U, or BP24V70-3U external battery packs.

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)
- 3 year warranty

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA capacity (kVA)	1.5
Output Watt Capacity (watts)	940
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	-18%, +8%
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	8 5-15R outlet(s)
Surge suppression only outlets	6 UPS outlets, 2 surge-only outlets
Basic PDU options	PDU1215 (1U / 13 5-15R outlets); PDUNV (1U / 2 C19, 12 C13 outlets); PDU1415 (0U / 14 5-15R outlets); PDUV15 (0U / 12 5-15R outlets)
Metered PDU options	PDUMH15 (1U / 13 5-15R outlets); PDUMH15AT (1U / 8 5-15R outlets)*; PDUMV15 (0U / 16 5-15R outlets)
Switched PDU options	PDUMH15ATNET (1U / 8 5-15R outlets)*; PDUMV15NET (0U / 16 5-15R outlets)
External PDU redundancy options	*Auto Transfer Switch features utilizing the secondary PDU input cord are compatible with Smart Online UPS models only
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V

BATTERY

Full load runtime (minutes)	4.5 min. (940w)
Half load runtime (minutes)	13 min. (470w)
Expandable battery runtime	Extended runtime supported via optional external battery packs
External battery pack compatibility	BP24V15RT2U (limit 1); BP24V28-2U (limit 1); BP24V70-3U (multi-pack compatible)
DC system voltage (VDC)	24
Battery recharge rate (included batteries)	Less than 4.5 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC51 (quantity 2)
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries

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%

LEDS ALARMS & SWITCHES

LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Alarms	Audible alarm indicates power-failure and low-battery conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation

SURGE / NOISE SUPPRESSION

UPS AC suppression joule rating	690
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

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 in primary form factor (height x width x depth / inches)	11.8 x 7.2 x 7.5
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	29.8 x 18.4 x 19
UPS / Power Module weight (lbs)	28
UPS / Power Module weight (kg)	12.7
UPS Shipping dimensions (height x width x depth / inches)	15.5 x 11 x 11.2
UPS Shipping dimensions (height x width x depth / cm)	39.4 x 27.9 x 28.6
Shipping weight (lbs)	30
Shipping weight (kg)	13.6
UPS housing material	Polycarbonate
Cooling method	Fan

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)	355.1
Battery mode BTU / hr. (full load)	477.6

COMMUNICATIONS

Communications interface	USB
PowerAlert software	Free download from www.tripplite.com
Communications cable	USB cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

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

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 (U.S., Canada & Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Extended Warranties	WEXT5-OMNI	5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	1
External Battery Packs	BP24V15RT2U	BP24V15RT2U - External Battery Pack for UPS System	1
External Battery Packs	BP24V28-2U	BP24V28-2U - External Battery Pack for UPS System	1
External Battery Packs	BP24V70-3U	BP24V70-3U - External Battery Pack for UPS System	1
Software	WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
Surge Protectors	DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
USB Hubs/Accessories	U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
Wallmount Bracket	UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?txtModelID=2730.