# OmniVS Series 1500VA Line-Interactive Tower 120V UPS with USB port

## MODEL NUMBER: **OMNIVS1500**

### Highlights

- 1500VA / 1.5kVA tower 120V line-interactive UPS
- Corrects brownouts and overvoltages from 75 to 147V
- 5 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL/Ethernet protection, 97% line mode efficiency
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

### Package Includes

- OMNIVS1500 Line-Interactive UPS
- USB and telephone cable
- Owner's manual with warranty information

### Description

Tripp Lite's OMNIVS1500 line interactive UPS system offers voltage regulation, surge suppression and 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 5 battery supported outlets for computer, monitor and vital system peripherals, plus 3 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. 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 minutes battery runtime with a full load of 1500VA and 8.5 minutes with a half load of 750VA. Supports hot-swappable battery replacement via built-in access panel.

### Features

- OMNIVS1500 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
- 5 UPS battery supported outlets, plus 3 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 minutes full load runtime (1500VA), 8.5 minutes half load runtime (750VA)
- Supports hot swappable battery replacement via built-in access panel
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment

# 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 | 5 UPS outlets, 3 surge-only outlets |
| Hot-Swap PDU options | PDUB15 (2U / 8 5-15R outlets) |
| 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 |
| Phase | Single-Phase |

| BATTERY | |
| --- | --- |
| Full load runtime (minutes) | 4 min. (940w) |
| Half load runtime (minutes) | 8.5 min. (470w) |
| DC system voltage (VDC) | 24 |
| Battery recharge rate (included batteries) | Less than 4 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 | 510 |
| 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) | 22.2 |
| UPS / Power Module weight (kg) | 10.1 |
| 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) | 23.4 |
| Shipping weight (kg) | 10.6 |

| UPS housing material | Polycarbonate |
|---|---|
| **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) | 109 |
| AC mode efficiency rating (100% load) | 97% |
| **COMMUNICATIONS** | |
| Communications interface | USB |
| PowerAlert software | Free download from www.tripplite.com |
| Communications cable | USB interface 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-swap batteries |
| Green & high efficiency features | Greater than 95% efficiency - GREEN UPS |
| **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) | 3-year limited warranty |
| Product Warranty Period (Latin America) | 3-year limited warranty |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 3-year limited warranty |

| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | $200,000 Ultimate Lifetime Insurance |
|---|---|

# Related Items

**Optional Products**

| Model Number | Description | Qty. |
|---|---|---|
| WEXT5-OMNI | 5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS | 1 |
| PDUB15 | Single-Phase Hot-Swap PDU, 1.4kW 15A 120V, 2U Horizontal Rackmount, 8 NEMA 5-15R outlets, set of 2 NEMA 5-15P input plugs | 1 |
| UPSWM | Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap) | 1 |
| WATCHDOGSW | WatchDog Service Monitoring / Reboot Software | 1 |

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

http://www.tripplite.com/sku/OMNIVS1500.

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