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## Model #: OMNIVS1500

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



#### Highlights

- 1500VA / 1.5kVA line interactive, tower UPS
- 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)
- 3 year product warranty

#### 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 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](http://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 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.

#### Package Includes

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

#### 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
- 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)
- 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
- \$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                        | <a href="#">PDU1215</a> (1U / 13 5-15R outlets); <a href="#">PDUNV</a> (1U / 2 C19, 12 C13 outlets); <a href="#">PDU1415</a> (0U / 14 5-15R outlets); <a href="#">PDUV15</a> (0U / 12 5-15R outlets) |
| Metered PDU options                      | <a href="#">PDUMH15</a> (1U / 13 5-15R outlets); <a href="#">PDUMH15AT</a> (1U / 8 5-15R outlets)*; <a href="#">PDUMV15</a> (0U / 16 5-15R outlets)  |
| Switched PDU options                     | <a href="#">PDUMH15ATNET</a> (1U / 8 5-15R outlets)*; <a href="#">PDUMV15NET</a> (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  |
| <b>BATTERY</b>   |   |
| 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) | <a href="#">RBC51</a> (quantity 2)  |
| Battery Access   | Battery access door   |
| Battery replacement description                                  | Hot-swappable, user replaceable batteries   |
| <b>VOLTAGE REGULATION</b>  |   |
| 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%   |
| <b>LEDS ALARMS &amp; SWITCHES</b>                                |   |
| 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   |
| <b>SURGE / NOISE SUPPRESSION</b>                                 |   |
| UPS AC suppression joule rating                                  | 510   |
| UPS AC suppression response time                                 | Instantaneous   |
| UPS Dataline suppression   | 1 line TEL / DSL or 10Base T Ethernet protection  |
| EMI / RFI AC noise suppression                                   | Yes   |
| <b>PHYSICAL</b>  |   |
| Installation form factors supported with included accessories    | Tower   |
| Installation form factors supported with optional accessories    | Wallmount (use <a href="#">UPSWM</a> - tower mounting kit)  |

|   |   |
|---|---|
| <b>Primary form factor</b>  | Tower   |
| <b>UPS / Power Module dimensions in primary form factor (height x width x depth / inches)</b> | 11.8 x 7.2 x 7.5  |
| <b>UPS / Power Module dimensions in primary form factor (height x width x depth / cm)</b>     | 29.8 x 18.4 x 19  |
| <b>UPS / Power Module weight (lbs)</b>  | 28  |
| <b>UPS / Power Module weight (kg)</b>   | 12.7  |
| <b>UPS Shipping dimensions (height x width x depth / inches)</b>                              | 15.5 x 11 x 11.2  |
| <b>UPS Shipping dimensions (height x width x depth / cm)</b>                                  | 39.4 x 27.9 x 28.6  |
| <b>Shipping weight (lbs)</b>  | 30  |
| <b>Shipping weight (kg)</b>   | 13.6  |
| <b>UPS housing material</b>   | Polycarbonate   |
| <b>ENVIRONMENTAL</b>  |   |
| <b>Operating Temperature Range</b>  | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius                                 |
| <b>Storage Temperature Range</b>  | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius                                |
| <b>Relative Humidity</b>  | 0 to 95%, non-condensing  |
| <b>AC mode BTU / hr. (full load)</b>  | 204   |
| <b>Battery mode BTU / hr. (full load)</b>   | 477.6   |
| <b>COMMUNICATIONS</b>   |   |
| <b>Communications interface</b>   | USB   |
| <b>PowerAlert software</b>  | Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>               |
| <b>Communications cable</b>   | USB interface cable included  |
| <b>WatchDog compatibility</b>   | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| <b>LINE / BATTERY TRANSFER</b>  |   |
| <b>Transfer time</b>  | 2-4 milliseconds  |
| <b>Low voltage transfer to battery power (setpoint)</b>                                       | 75  |
| <b>High voltage transfer to battery power (setpoint)</b>                                      | 147   |
| <b>SPECIAL FEATURES</b>   |   |

|   |   |
|---|---|
| <b>Cold Start (startup in battery mode during a power failure)</b>    | Cold-start operation supported  |
| <b>High availability UPS features</b>                                 | Hot swappable batteries   |
| <b>CERTIFICATIONS</b>   |   |
| <b>UPS Certifications</b>   | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); Meets FCC Part 68 / Industrie Canada (telecommunications); ROHS (Reduction of Hazardous Substances) |
| <b>WARRANTY</b>   |   |
| <b>Product Warranty Period (U.S., Canada &amp; Puerto Rico)</b>       | 3 years   |
| <b>Connected Equipment Insurance (U.S., Canada &amp; Puerto Rico)</b> | \$200,000 connected equipment insurance   |

## Related Items

### Optional Products

| Product Type         | Related Model              | Description   | Qty. |
|----------------------|----------------------------|---|------|
| USB Hubs/Accessories | <a href="#">U022-010</a>   | 10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)                                      | -    |
| Wallmount Bracket    | <a href="#">UPSWM</a>      | Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap) | -    |
| Wallmount Bracket    | <a href="#">WATCHDOGSW</a> | WatchDog Service Monitoring / Reboot Software   | -    |
| Surge Protectors     | <a href="#">DTEL2</a>      | Network Surge Suppressor - Essential protection for data and communication lines            | -    |
| Surge Protectors     | <a href="#">DNET1</a>      | Network Surge Suppressor - Essential protection for data and communication lines            | -    |
| Extended Warranties  | <a href="#">WEXT5-OMNI</a> | 5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS                                   | -    |

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=3198](http://www.tripplite.com/en/products/model.cfm?txtModelID=3198).

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