# 1440VA 940W Line-Interactive UPS - 8 NEMA 5-15R Outlets, AVR, USB, Serial, LCD, Extended Run, Tower

MODEL NUMBER: **OMNIVS1500XLCD**

Desktop UPS provides battery backup support with automatic voltage regulation (AVR) for your home/office network system or home theater.

## Features

**1440VA/940W/120V Battery Backup for PC Networks, Security Systems or Digital Signage**
The OmniVS® line-interactive OMNIVS1500XLCD UPS system with AVR protection provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The eight-outlet 120V battery backup is ideal protection for your home office, media center or commerce components, including computers, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, security systems and digital signage equipment.

**Allows Time to Back Up Critical Files During a Blackout**
Backup support allows you to work through short power failures and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the line-interactive UPS system should keep an energy-efficient desktop computer with small LCD monitor powered as long as 90 minutes (using internal batteries only).

**Supports an External Battery Pack for Extended Runtime**
In addition to the replaceable internal battery, the OMNIVS1500XLCD supports connection of one optional BP24V15RT2U external battery pack (sold separately). During normal operation, incoming utility power keeps the internal and external batteries fully charged, so backup power will always be available.

**8 NEMA 5-15R Outlets Protect Your Connected Components**
Six 5-15R outlets provide battery backup, surge protection and voltage regulation for your computer, monitor and other crucial components. The other two 5-15R outlets provide surge suppression only for printers, speakers and other desktop equipment regarded as non-essential during a blackout.

**Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions**
AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. The OMNIVS1500XLCD can correct brownouts as low as 89V and overvoltages as high as 145V back to nominal 120V power continuously, all while keeping the battery fully charged and ready to take over in case of power failure.

**Combats Line Noise That Can Harm Equipment**
EMI (electromagnetic interference) and RFI (radio frequency interference) are common causes of performance problems and can lead to incremental hardware damage, data corruption and audio/video

## Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Keeps AC power running during blackouts to allow time for file saves and safe shutdown
- Maintains continuous 120V nominal output during brownouts and overvoltages
- Home-friendly alarm remains silent in backup mode, sounding only when imperative
- Compatible with optional external battery pack for extended runtime operation

## Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down desktop PCs and other equipment without data loss during long-term power outages
- Extend runtime for DVRs, wireless routers and other low-power home network equipment

## Package Includes

- OMNIVS1500XLCD 1440VA 940W 120V Line-Interactive UPS with 8 Outlets
- USB cable
- DB9 cable
- Owner’s manual

transmission problems. The OMNIVS1500XLCD filters out this disruptive line noise on the AC line, so that it won't affect your equipment.

**Designed for High Efficiency to Help You Save Money and Protect the Environment**
A >95% efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

**Home-Friendly Silent Alarm and LCD Touchscreen Keep You Informed 24/7**
The UPS remains silent in both line and battery backup modes. The alarm sounds only to report low battery, battery replace, overload and fault condition. The LCD touchscreen offers five screens of UPS and site power information when the UPS is operating in either on-line or battery power mode. It displays vital voltage, load and battery data, as well as critical fault status.

**Advanced Communications Ports Allow for Automatic Saves and Shutdowns**
RS-232 and HID-compliant USB ports connect to a computer running Tripp Lite's free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. Cables are included.

**Compact Housing Compatible with Easy Desktop Installation**
The space-saving ABS tower fits on a desktop, shelf or any other flat surface convenient to your workstation or home theater. The five-foot power cord with NEMA 5-15P plug connects to any compatible AC outlet. A built-in fan regulates the internal temperature to help prevent overheating.

# Specifications

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| **OVERVIEW** | |
| UPC Code | 037332212948 |
| UPS Type | Line-Interactive |
| **INPUT** | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 12A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| Input Circuit Breakers | 15A |
| UPS Input Cord Length (ft.) | 5 |
| UPS Input Cord Length (m) | 1.5 |
| Recommended Electrical Service | 15A 120V |
| **OUTPUT** | |
| Output Capacity (VA) | 1440 |
| Output Capacity (kVA) | 1.44 |
| Output Capacity (Watts) | 940 |
| Output Capacity (kW) | 0.94 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |

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| Output Voltage Regulation (Line Mode) | 120V (+6%/-12%) |
| Output Voltage Regulation (Battery Mode) | 120V (±10%) |
| UPS Output Receptacles (Surge Suppression Only) | 6 UPS outlets, 2 surge-only outlets |
| Hot-Swap PDU options | PDUB15 (2U / 8 5-15R outlets) |
| Output AC Waveform (AC Mode) | Pure sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (8) 5-15R |
| Individually Controllable Load Banks | No |
| **BATTERY** | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 3 min. (940W) |
| Runtime Half Load (min.) | 9.5 min. (470W) |
| Expandable Runtime | Yes |
| External Battery Pack Compatibility |  <a class="productLink" href="//tripplite.eaton.com/External-24V-2U-Rack-Tower-Battery-Pack-for-select-Tripp-Lite-UPS-Systems~BP24V15RT2U">BP24V15RT2U</a>  (limit 1) |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | 8 hours (10% to 90%) |
| Battery Access | Battery access door |
| Battery Replacement Description | Replaceable internal batteries (see manual) |
| **VOLTAGE REGULATION** | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 89 to 145 |
| Overvoltage Correction | Input voltages between 128 and 149 are reduced by 15% |
| Undervoltage Correction | Input voltages between 89 and 108 are boosted by 18% |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Front Panel LCD Display | Touchscreen LCD reports input voltage, output voltage, load percentage, battery charge percentage and overload status |
| Switches | Power off/on switch |
| Audible Alarm | UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions |
| **SURGE / NOISE SUPPRESSION** | |
| UPS AC Suppression Joule Rating | 316 |

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| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| **PHYSICAL** | |
| Primary Form Factor | Tower |
| Cooling Method | Fan |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary UPS Depth (mm) | 381 |
| Primary UPS Height (mm) | 191 |
| Primary UPS Width (mm) | 140 |
| Shipping Dimensions (hwd / in.) | 11.70 x 9.30 x 19.50 |
| Shipping Weight (kg) | 15.10 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, in.) | 7.5 x 5.5 x 15 |
| UPS Power Module Weight (kg) | 14.61 |
| UPS Power Module Weight (lbs.) | 32.2 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| Storage Temperature Range | +5 to +113 degrees Fahrenheit / -15 to +45 degrees Celsius |
| Relative Humidity | 0 to 90%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 175 |
| AC Mode Efficiency Rating (100% Load) | >95% |
| Audible Noise | <50dB @ 1m front side |
| **COMMUNICATIONS** | |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert |
| Communications Cable | USB and DB9 serial interface cables included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network Management Card Description | Network management not supported |
| Communications Interface | DB9 Serial; USB (HID enabled) |
| **LINE / BATTERY TRANSFER** | |
| Transfer Time | 6 milliseconds typical (10 milliseconds max) |

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| Low Voltage Transfer to Battery Power (Setpoint) | 89 |
| High Voltage Transfer to Battery Power (Setpoint) | 145 |
| **FEATURES & SPECIFICATIONS** | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Expandable battery backup; Surge/noise protection |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| **APPLICATIONS** | |
| UPS Applications | Home/Office Desktop; High-End Desktop/Small Network |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1778 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA) |
| **WARRANTY & SUPPORT** | |
| 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 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>  |

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