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

MODEL NUMBER: **OMNIVS1500XL**



Tower desktop UPS monitors and maintains AC line power with automatic voltage regulation (AVR), surge, noise, and battery backup for essential home/office/network or home theater equipment.

## Highlights

- Desktop tower extended-run UPS sets up in minutes to start backing up your equipment
- Keeps power running during outages to allow time for safe system shutdown
- Protects up to 6 devices against blackouts, brownouts, overvoltages, surges and line noise.
- Home-friendly alarm remains silent in backup mode, sounding only when imperative
- ENERGY STAR 2.0-certified to save electricity, lower costs and protect the environment

## Package Includes

- 1440VA 940W 120V Line-Interactive UPS
- USB cable
- DB9 cable
- Owner's manual

## Features

### 1440VA/940W/120V Battery Backup for PC Networks, Security Systems or Digital Signage
This OmniVS® line-interactive UPS system provides reliable battery backup and AC power protection against blackouts, brownouts, surges and line noise that can damage your valuable electronics or destroy data. The OMNIVS1500XL is ideal protection for your home office, media center or commerce components, including gaming PCs, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, security systems, small business phone systems and digital signage equipment.

### Reliable, Expandable Battery Backup Keeps You Operational Through Power Outages
The field-replaceable, hot-swappable battery module allows you to work through short power failures and give you enough time to safely save files and shut down your system in case of a prolonged blackout. Extra runtime is available by connecting one optional extended battery module (BP24V15RT2U, sold separately).

### 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 OMNIVS1500XL maintains regulated 120V nominal output during brownouts and overvoltages from 89V to 145V while keeping the battery fully charged and ready to take over in case of power failure.

### Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better
This UPS system filters out disruptive electromagnetic and radio frequency interference that can inflict hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

### ENERGY STAR-Certified to Help You Save Money and Protect the Environment
By meeting strict U.S. Department of Energy and U.S. Environmental Protection Agency requirements, this ENERGY STAR 2.0 UPS system provides high operational efficiency to signal a reduction in BTU

emissions, save on utility and cooling costs and help protect the environment.

**Home-Friendly Silent Alarm and Touchscreen LCD 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 touchscreen LCD 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, frequency, load and battery data, as well as critical fault status.

**Advanced Communications Ports Allow for Automatic Saves and Shutdowns**
RS-232 and 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 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

| OVERVIEW | |
|---|---|
| UPC Code | 037332119735 |
| 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 |
| UPS Input Cord Length (ft.) | 5 |
| UPS Input Cord Length (m) | 1.5 |
| Recommended Electrical Service | 15A 120V |
| Maximum Input Amps | 12 |

| OUTPUT | |
|---|---|
| Output Capacity (VA) | 1440 |
| Output Capacity (kVA) | 1.44 |
| Output Capacity (Watts) | 940 |
| Output Capacity (kW) | 0.94 |
| Output Capacity Details | 940W watts maximum when used with internal batteries or 1 BP24V15RT2U battery pack; Output is reduced to 600W maximum in all other external battery pack configurations |
| Nominal Voltage Details | 120V nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| 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) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 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) | 24 |
| Battery Recharge Rate (Included Batteries) | 8 hours (10% to 90%) |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | Replaceable internal batteries (see manual) |
| 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 89 to 145V |
| Overvoltage Correction | Input voltages between 132V and 144V are reduced by 15% |
| Undervoltage Correction | Input voltages between 89V and 107V 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 |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| 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 Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet |
|---|---|
| EMI / RFI AC Noise Suppression | Yes |
| AC Suppression Joule Rating | 316 |
| AC Suppression Response Time | Instantaneous |

| **PHYSICAL** | |
|---|---|
| Primary Form Factor | Tower |
| Rack Height | 0U |
| Cooling Method | Load-controlled 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 Dimensions (hwd / cm) | 29.72 x 23.62 x 49.53 |
| Shipping Weight (lbs.) | 33.00 |
| Shipping Weight (kg) | 14.97 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, cm) | 19.05 x 13.97 x 38.10 |
| 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 |
| Unit Dimensions (hwd / in.) | 7.500 x 5.500 x 15.000 |

| **ENVIRONMENTAL** | |
|---|---|
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | 5° to 122°F (-15° to 50°C) |
| Relative Humidity | 0-90% non-condensing |
| AC Mode BTU / Hr. (Full Load) | 51.3 |
| AC Mode Efficiency Rating (100% Load) | 98.4 |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 480 |

| **COMMUNICATIONS** | |
|---|---|
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/poweralert |

| Communications Cable | USB and DB9 serial interface cables included |
|---|---|
| Network Management Card Description | Network management not supported |
| Communications Interface | (1) DB9 Serial; (1) USB (HID enabled) |

### LINE / BATTERY TRANSFER

| | |
|---|---|
| Transfer Time | 6 milliseconds typical (10 milliseconds max) |
| 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; Hot swappable batteries; Surge/noise protection |

### APPLICATIONS

| | |
|---|---|
| UPS Applications | Home/Office Desktop; High-End Desktop/Small Network |

### STANDARDS & COMPLIANCE

| | |
|---|---|
| Product Certifications | CAN/CSA-C22.2 No. 107.3 (Canada); ICES (Canada); NOM (Mexico); RETIE (Colombia); UL 1778 |
| Product Compliance | ENERGY STAR Qualified; FCC Part 15 Class A (USA); FCC Part 15 Class B (USA); FCC Part 68; RoHS |

### 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>  |