# Line Interactive UPS, C13 Outlets (4) - 230V, 450VA, 240W, Ultra-Compact Design

MODEL NUMBER: **OMNIVSX450**







OMNIVSX450 provides voltage regulation, surge suppression and battery backup support for computers and other sensitive electronics.

## Features

**Protect Your Electronics with Voltage Regulation, Surge Suppression and Battery Backup**
Line-interactive UPS offers voltage regulation, surge suppression and battery backup support. It regulates brownouts as low as 170V and overvoltages as high as 280V back to usable levels without using battery power. All four IEC320 C13 UPS outlets offer battery backup, automatic voltage regulation and AC surge suppression. Three front panel LEDs and audible alarm combine to indicate off/on power status, line power availability, battery mode operation, low battery, overload, battery replacement and fault mode.
**Operate Your Connected Equipment During Short-Term Outages**
This UPS supports an entry-level PC consuming 60W continuous up to 32 minutes during power failure condition and a 50% load of 120W for 7 minutes. It also enables users to operate connected equipment during short-duration outages without interruption and shut down without data loss during longer outages. All the UPS C13 outlets receive battery backup.

## Highlights

- Correct brownouts as low as 170V and overvoltages as high as 280V without using battery
- 450VA capacity supports a variety of desktop and networking devices
- Fused C14 inlet accepts user-supplied AC power cord with country-specific plug
- Ultra-compact design saves space

## Applications

- Protect your PC and other sensitive electronics against power surges, brownouts and blackouts
- Operate your connected equipment during short-term power outages
- Shut down equipment during longer power outages without data loss
- Provide battery backup and power protection in locations with limited space
- Support small business phone systems, POS (point-of-sale) systems, kiosks and ATMs

## Package Includes

- OMNIVSX450 line-interactive UPS
- (2) C13 to C14 1.5m power cables
- Owner's manual

# Specifications

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|---|---|
| **OVERVIEW** | |
| UPC Code | 037332217905 |
| UPS Type | Line-Interactive |
| **INPUT** | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 2A |
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | C14 inlet |

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| UPS Input Connection Description | The C14 inlet accepts included or user-supplied AC power cords |
| **OUTPUT** | |
| Output Capacity (VA) | 450 |
| Output Capacity (kVA) | 0.45 |
| Output Capacity (Watts) | 240 |
| Output Capacity (kW) | 0.24 |
| Nominal Voltage Details | 230V nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | 230V (±9.5%) |
| Output Voltage Regulation (Battery Mode) | ±10% |
| Included Output Power Cables | Includes 2 C13 to C14 power cables |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Output Receptacles | (4) C13 |
| Individually Controllable Load Banks | No |
| **BATTERY** | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 0.5 min. (240W) |
| Runtime Half Load (min.) | 7 min. (120W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | 8 hours from 10% to 90% |
| Battery Replacement Description | See manual for battery replacement information |
| **VOLTAGE REGULATION** | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 170 and as high as 280 |
| Overvoltage Correction | Input voltages between 253 and 280 are reduced by 15% |
| Undervoltage Correction | Input voltages between 170 and 207 are boosted by 18% |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Switches | 1 Switch controls off/on power status |

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|---|---|
| Audible Alarm | Audible alarm with distinct tone patterns indicates low-battery, overload, replace-battery and fault-mode |
| LED Indicators | 3 front panel LEDs indicate off/on power status, line power availability, battery mode operation, overload, replace-battery and fault-mode |
| **SURGE / NOISE SUPPRESSION** | |
| UPS AC Suppression Joule Rating | 312 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| **PHYSICAL** | |
| Primary Form Factor | Tower |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary UPS Depth (mm) | 300 |
| Primary UPS Height (mm) | 142 |
| Primary UPS Width (mm) | 102 |
| Shipping Dimensions (hwd / in.) | 8.70 x 5.60 x 13.60 |
| Shipping Weight (kg) | 3.99 |
| UPS Housing Material | PVC |
| UPS Power Module Dimensions (hwd, in.) | 5.6 x 4 x 11.8 |
| UPS Power Module Weight (kg) | 3.72 |
| UPS Power Module Weight (lbs.) | 8.2 |
| Unit Weight (lbs.) | 8.200 |
| Unit Weight (kg) | 3.72 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | 5° to 122°F (-15° to 45°C) |
| Relative Humidity | Up to 90%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 17 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| Operating Elevation | 0-6562 ft. (0-2000 m) |
| **COMMUNICATIONS** | |
| Network Management Card Description | Network management not supported |
| Communications Interface | None |

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|---|---|
| **LINE / BATTERY TRANSFER** | |
| Transfer Time | 6 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 170 |
| High Voltage Transfer to Battery Power (Setpoint) | 280 |
| **FEATURES & SPECIFICATIONS** | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Yes |
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Surge/noise protection |
| **APPLICATIONS** | |
| UPS Applications | Home/Office Desktop |
| **STANDARDS & COMPLIANCE** | |
| Product Compliance | RoHS; CE (Europe); UKCA |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 2-year limited warranty |
| Product Warranty Period (Puerto Rico) | 2-year limited warranty |

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