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# 650VA 360W 230V Line-Interactive UPS - 4 C13 Outlets, 2 Australian Outlet Adapters, Tower

MODEL NUMBER: **OMNIVSX650A**







Desktop UPS offers complete power protection for small network applications, including home offices, security systems and digital signage.

## Features

**650VA/360W/230V Battery Backup for PCs, Home Theaters or Digital Signage**
This OMNIVS® line-interactive 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 230V 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, kiosks, 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 42 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

**4 IEC 320 C13 Outlets Protect Your Connected Components**
All four C13 outlets provide battery backup and voltage regulation for your computer, monitor and other crucial components. Included outlet adapters with 30-centimeter cords convert two C13 outlets to 10A Australia/New Zealand-compatible outlets. A high >95% line mode efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

**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 OMNIVSX650A can correct brownouts as low as 170V and overvoltages as high as 280V back to nominal 230V power continuously, all while keeping the battery fully charged and ready to take over in case of power failure.

**312 Joules Fight Back Against Unexpected Power Surges**
A 312-joule surge suppression rating protects connected components from the harmful effects of power surges.

**Combats Electromagnetic Interference That Can Harm Equipment**
EMI (electromagnetic interference) and RFI (radio frequency interference) line noise is a common cause

## Highlights

- Protects equipment against blackouts, brownouts, transient surges and line noise
- Keeps AC power running during outages to allow time for file saves and safe shutdown
- Maintains line power operation with input voltage as low as 170V and as high as 280V
- 4 C13 outlets with 2 AUS/NZ adapters power and protect PCs and other equipment
- Easy-to-see LEDs indicate line, battery, overload and fault conditions at a glance

## 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
- Support small business phone systems, point-of-sale (POS) systems, kiosks and ATMs

## Package Includes

- OMNIVSX650A 650VA 360W 230V Line-Interactive UPS with 4 Outlets
- (2) C13 to AUS/NZ outlet adapters, 30 cm
- Power cord with 10A AUS/NZ plug, 1.5 m
- Owner's manual

of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The OMNIVSX650A incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

**Alarm and Diagnostic LEDs Keep You Informed 24/7**
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.

**Tower Form Factor for Easy Placement in Your Workspace or Media Center**
The compact ABS housing fits easily on a desktop, shelf or anywhere else convenient to your workstation or home theater. Connect the C14 power inlet to a properly grounded AC wall outlet with a user-supplied power cord with country-specific plug. A detachable 1.5-meter power cord with 10A Australia/New Zealand input plug is included.

# Specifications

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|---|---|
| **OVERVIEW** | |
| UPC Code | 037332255211 |
| UPS Type | Line-Interactive |
| **INPUT** | |
| Rated input current (Maximum Load) | 2.8A |
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | AUS/NZ 10A; C14 inlet |
| Input Circuit Breakers | 5A fuse |
| Input Phase | Single-Phase |
| **OUTPUT** | |
| Output Volt Amp Capacity (VA) | 650 |
| Output Watt Capacity (Watts) | 360 |
| 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% |
| 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** | |
| Half Load Runtime (min.) | 6 min. (180w) |
| 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 |
| 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.) | 5.70 x 9.10 x 13.50 |
| Shipping Weight (kg) | 5.31 |
| UPS Housing Material | PVC |
| UPS Power Module Dimensions (hwd, in.) | 5.6 x 4 x 11.8 |

| | |
|---|---|
| UPS Power Module Weight (kg) | 4.81 |
| UPS Power Module Weight (lbs.) | 10.6 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | 0 to 40°C |
| Storage Temperature Range | -15 to 45°C |
| Relative Humidity | Up to 90%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 26 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| Operating Elevation (m) | 0-2000m |
| **COMMUNICATIONS** | |
| Network Management Card Description | Network management not supported |
| Communications Interface | None |
| **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 |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | AS/NZS 4417 |
| Product Compliance | RoHS; CE (Europe) |
| **WARRANTY** | |
| 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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