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 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

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

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

OVERVIEW	
UPC Code	037332255211
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	2.8A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
Input Circuit Breakers	5A fuse
OUTPUT	
Output Capacity (VA)	650
Output Capacity (kVA)	0.65
Output Capacity (Watts)	360
Output Capacity (kW)	0.36
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	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	1 min. (360W)
Runtime Half Load (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
Rack Height	0U
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
Unit Dimensions (hwd / in.)	5.600 x 4.000 x 11.800
Unit Weight (lbs.)	10.600
Unit Weight (kg)	4.81
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)	26
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
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 Certifications	AS/NZS 4417
Product Compliance	RoHS; CE (Europe)
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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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