Tripp Lite
1111 W. 35th Street
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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.
Two-Year Limited Warranty This UPS is backed by a two-year limited warranty, ensuring reliability and performance.

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
- Two C13 to C14 1.5m power cables
- Owner's manual

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Specifications

OVERVIEW	
UPC Code	037332217905
OUTPUT	
Output Volt Amp Capacity (VA)	450
Output Watt Capacity (Watts)	240
Nominal Output Voltage(s) Supported	220V; 230V; 240V
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)	230V (±5%)
Output Receptacles	(4) C13
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
Individually Controllable Load Banks	No
INPUT	
Rated input current (Maximum Load)	2A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	The C14 inlet accepts included or user-supplied AC power cords
Input Phase	Single-Phase
BATTERY	
Half Load Runtime (min.)	7 min. (120w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	8 hours from 10% to 90%
Expandable Runtime	No
VOLTAGE REGULATION	

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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	
Installation Form Factors Supported with Included Accessories	Tower
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	5.6 x 4 x 11.8
UPS Power Module Weight (lbs.)	8.2
UPS Power Module Weight (kg)	3.72
Shipping Dimensions (hwd / in.)	8.70 x 5.60 x 13.60
Shipping Weight (kg)	3.99
UPS Housing Material	PVC
Primary UPS Height (mm)	142
Primary UPS Width (mm)	102
Primary UPS Depth (mm)	300
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)	17
AC Mode Efficiency Rating (100% Load)	95%
Operating Elevation (m)	0-2000m

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COMMUNICATIONS	
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
CERTIFICATIONS	
UPS Certifications	CE
UPS Certification Details	IEC 62040-1:2008+A1:2013; EN62040-2, 2006, C2
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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