Omni VS UPS System

Model #: OMNIVS800

▶ 800VA line interactive tower UPS

▶ Maintains 120V nominal output over an input range of 83 to 132V

▶ Workstation optimized features include HID enabled USB port and single line TEL / DSL surge suppression and two surge-only outlets

▶ Input: NEMA 5-15P (120V 15A) / Output: 7 NEMA 5-15R (120V)

▶ 2 year product warranty / $200,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

DESCRIPTION

Tripp Lite's OMNIVS800 line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, inter-networking equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 60 minutes during power failures so that connected equipment can be shut down without data loss. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 83 volts back to usable levels without using battery power. Offers complete desktop power protection in an attractive black tower configuration. Includes 6 battery supported outlets for computer, monitor and one vital system peripheral, plus 1 additional surge suppression-only outlet for printers and other system accessories not requiring battery support. HID-compliant USB port enables optional unattended system shutdown without data loss in case of extended power failure; USB cable included. HID-compliant USB port also enables direct integration with built-in power management and auto-shutdown features of Windows and MAC OS X. PowerAlert software available via free download from www.tripplite.com. Built-in single line phone/Ethernet suppression jacks protect modem, fax machine, cordless phone or other peripheral with a standard dialup,DSL, or data line connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage boost operation. 800VA / 475 watt power handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Offers 6 minutes battery runtime with a full load of 800VA and 19 minutes with a half load of 400VA. Supports battery replacement via built-in access panel. 2 year warranty. $200,000 connected equipment Insurance (USA & Canada Only).

KEY BUYING POINTS

- OMNIVS800 Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support
- Supports entry level PCs up to 60 minutes during blackouts to enable shutdown without data loss
- Regulates brownouts as low as 83 volts back to usable levels without using battery power
- 6 UPS battery supported/surge protected outlets, plus 1 additional surge suppression-only outlet
- Built-in HID-compliant USB port and PowerAlert UPS power management software (available via free download at tripplite.com) and cabling provide monitoring of in-depth site power conditions, full UPS status and fault warnings, and output load level
- HID-compliant USB port also enables direct integration with built-in power management and auto-shutdown features of Windows and MAC OS X
- Single line phone/Ethernet suppression jacks protects standard dialup/DSL, or Ethernet connections
- Audible alarm and 4 front panel LEDs offer complete UPS and line power status information
- 800VA / 475 watt power handling ability supports a variety of sensitive electronic equipment
- 6 minutes full load runtime (800VA), 19 minutes half load runtime (400VA)
- Supports battery replacement via built-in access panel
- 2 year product warranty.
- $200,000 connected equipment Insurance (USA & Canada Only).

TYPICAL APPLICATIONS

- Entry-level PCs, networked workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home

theater systems. Ideal for sensitive electronic applications in areas where brownout conditions are common.

OPTIONS & ACCESSORIES

- USB Hubs-accessories: U202-004-R, U205-004-R, U022-010
- Dataline protectors: DNET1, DTEL2, DCATV
- Wallmount Bracket: UPSWM
- Circuit Tester: CT120
- Watchdog software: WATCHDOGSW
- Extended warranties: 3 Year WEXT3-OMNI, 5 Year WEXT5-OMNI

PACKAGE INCLUDES

- OMNIVS800 Line Interactive UPS
- USB and telephone cable
- User manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:	"800VA line interactive UPS for PCs and workstations, Battery supported AC outlets with surge suppression, Surge suppression-only outlets for peripherals not requiring battery support, Audible alarms, Self-test/alarm cancel switch, Automatic voltage regulation (AVR), Cold-start ability, Single line TEL protection, Status indicator LEDs, HID-compliant USB monitoring port, USB cable, Attractive all-black cabinet, User accessable / replaceable batteries"
Voltage compatibility:	120V AC
Frequency compatibility:	60Hz

OUTPUT

Output volt amp capacity (VA):	800
Output watt capacity (watts):	475
Output nominal voltage:	120v
Output voltage regulation:	BATTERY MODE: PWM sine wave 115V +/-5%
Output frequency regulation:	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type:	7 NEMA 5-15R

INPUT

Maximum input amps:	12A
Input connection type:	NEMA 5-15P, right-angle plug
Input cord length:	6 ft., 14 gauge
Recommended electrical service:	15A 120V

BATTERY

Full load runtime:	6 minutes (800VA)
Half load runtime:	19 minutes (400VA)
DC system voltage:	12VDC
Typical battery lifespan:	4-6 years typical
Battery recharge rate:	2-4 hours to 90%

Replacement Battery Cartridge:	RBC51

VOLTAGE REGULATION

Voltage regulation description:	Line interactive voltage regulation corrects brownouts as low as 83V back to usable values
Direct pass through:	Voltages of 106V and greater are passed through to connected equipment unchanged
Brownout correction:	Input voltages between 83 and 105 are boosted by 14%

LEDS ALARMS & SWITCHES

Front panel LEDs:	4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage regulation operation
Alarms:	Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes runtime remain.
Switches:	Includes 2 front panel switches - one main on/off power switch and one dual function "alarm cancel" / "self test" button

PHYSICAL

Shipping weight (lbs):	23.2
Shipping weight (kg):	10.5
Unit weight (lbs):	21.2
Unit weight (kg):	9.6
Unit Dimensions (HWD/in):	10.75 x 5.25 x 7.25
Unit Dimensions (HWD/cm):	27.3 x 13.4 x 18.4
Shipping Dimensions (HWD/in):	14 x 8.5 x 10.5
Shipping Dimensions (HWD/cm):	35.6 x 21.6 x 26.7
Material of construction:	PVC
Form factors supported:	Tower
Cooling method:	Convection
Battery Access:	Battery access door allows user replacement of UPS batteries.

ENVIRONMENTAL

Operating Temperature:	+32 to +104 degrees Fahrenheit
Storage Temperature:	+5 to +122 degrees Fahrenheit
Relative Humidity:	0 to 95%, non-condensing

COMMUNICATIONS

Network monitoring port:	USB (HID)
Software and cabling included:	USB cabling included, PowerAlert software available for free download at www.tripplite.com
WatchDog compatibility:	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment — ideal for unattended kiosk applications

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode:	2-4 milliseconds
Low voltage transfer to battery power:	Switches to battery power as line voltage decreases to 83 volts or less. Resets to line power mode as line voltage increases to 87V or higher
High voltage transfer to battery power:	Switches to battery power as line voltage increases to 147 volts or higher. Resets to line power mode as line voltage decreases to 143V or less.

CERTIFICATIONS

Certifications:	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), Class B (emissions), NOM

(Mexico), FCC Part 68 / Industry Canada (telecommunications), RoHS Compliant

WARRANTY

Product warranty: 2 year product warranty

Connected equipment insurance (USA and $200,000 connected equipment insurance (USA and Canada only)
Canada Only):

Optional coverage: 3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp
                                               Lite for additional information.

SPECIAL FEATURES

Cold Start: Yes, inverter can be "cold started" to enable temporary AC output during a power failure

Appearance: Attractive black color appearance

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