

# Omni VS UPS System

Line interactive UPS for personal PCs and workstations



## Model #: OMNIVS1000

- ▶ 1000VA line interactive UPS
- ▶ 8 outlets (6 UPS / 2 surge-only)
- ▶ Single line TEL/DSL line surge suppression
- ▶ Enhanced communications via USB port, free PowerAlert software (via download) and cabling
- ▶ Corrects brownouts as low as 83V
- ▶ \$200,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

## DESCRIPTION

Tripp Lite's OMNIVS1000 line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking 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 2 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. USB port enables optional unattended system shutdown without data loss in the case of extended power failure, USB cable included. PowerAlert software available via free download from [www.tripplite.com](http://www.tripplite.com). Built-in single line RJ phone suppression jacks protect modem, fax machine, cordless phone or other peripheral with a standard dialup/DSL phone connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and overload. 1000VA / 500 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 7 minutes battery runtime with a full load of 1000VA/500 watts and 18 minutes with a half load of 500VA/250 watts. Supports battery replacement via built-in access panel. 2 year warranty. \$200,000 connected equipment Insurance (USA & Canada Only).

## KEY BUYING POINTS

- OMNIVS1000 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 outlets, plus 2 additional surge suppression-only outlets
- USB port and cable enables unattended shutdown in the case of extended power failure
- PowerAlert software available via free download from [www.tripplite.com](http://www.tripplite.com)
- Single line phone suppression protects standard dialup/DSL phone connection
- Audible alarm and 4 front panel LEDs offer complete UPS and line power status information
- 1000VA / 500 watt power handling ability supports a variety of sensitive electronic equipment
- 7 minutes full load runtime (1000VA / 500 watts), 18 minutes half load runtime (500VA / 250 watts)
- Supports battery replacement via built-in access panel
- Short circuit protection in AC and battery mode
- 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

- OMNIVS1000 Line Interactive UPS
- USB and telephone cable
- User manual with warranty information

## COMPLETE SPECIFICATIONS

### SYSTEM OVERVIEW

**System overview:** Line interactive Omni Value-Series UPS protects PCs, network workstations and other sensitive electronics from blackouts, brownouts and line noise. Maintains AC output during blackouts and continuously corrects brownouts as low as 83V to usable 120V levels. Includes 8 output receptacles, single dialup line phone suppression with line splitter, LED indicators, USB monitoring port and cable. PowerAlert software available free via download.

**Voltage compatibility:** 120V AC

**Frequency compatibility:** 60Hz

### OUTPUT

**Output volt amp capacity (VA):** 1000

**Output watt capacity (watts):** 500

**Output nominal voltage:** 120V AC

**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:** 8 NEMA 5-15R

### INPUT

**Maximum input amps:** 12A / 1440 watts

**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:** 7 minutes (1000VA / 500 watts)

**Half load runtime:** 18 minutes (500VA / 250 watts)

**DC system voltage:** 12 V DC

**Typical battery lifespan:** 3-6 years, depending on usage

**Battery recharge rate:** 2-4 hours to 90%

**Replacement Battery Cartridge:** [RBC52](#) (quantity 2)

### VOLTAGE REGULATION

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

## LEDS ALARMS & SWITCHES

<b>Front panel LEDs:</b>	4 front panel LEDs indicate line power status, battery power status, battery low/replace status and overload
<b>Alarms:</b>	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.
<b>Switches:</b>	Includes 2 front panel switches - one main on/off power switch and one dual function "alarm cancel" / "self test" button

## SURGE / NOISE SUPPRESSION

<b>AC surge suppression:</b>	480 joules
<b>AC suppression response time:</b>	Instantaneous
<b>Dataline suppression:</b>	Tel/DSL
<b>EMI / RFI AC noise suppression:</b>	Yes

## PHYSICAL

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

## ENVIRONMENTAL

<b>Operating Temperature:</b>	+32 to +104 degrees Fahrenheit 0 to +40 degrees Celsius
<b>Storage Temperature:</b>	+5 to +122 degrees Fahrenheit -15 to +50 degrees Celsius
<b>Relative Humidity:</b>	0 to 95%, non-condensing
<b>Line mode BTU/hr. (Max.):</b>	43.6
<b>Battery mode BTU/hr. (Max.):</b>	147.8

## COMMUNICATIONS

<b>Network monitoring port:</b>	USB
<b>Software and cabling included:</b>	USB cabling included, PowerAlert software available for free download at <a href="http://www.tripplite.com">www.tripplite.com</a>
<b>WatchDog compatibility:</b>	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

<b>Transfer time from line power to battery</b>	2-4 milliseconds
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**mode:**

**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:** UL1778 (USA), cUL (Canada), Class B (emissions), NOM (Mexico), FCC Part 68 / Industry Canada (telecommunications)

## **WARRANTY**

**Product warranty:** 2 year product warranty

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

*The policy of Tripp Lite is one of continuous improvement.  
Specifications are subject to change without notice.  
Therefore, your product may vary slightly from what is currently listed.*



**Tripp Lite World Headquarters**  
1111 W. 35th Street  
Chicago, IL 60609 USA

**Customer Support**  
(773) 869-1234

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