

# Omni VS UPS System

Line interactive UPS for personal PCs and workstations



## Model #: OMNIVSINT800

- ▶ 800VA line interactive tower UPS
- ▶ Maintains 230V nominal output during brownouts to 159
- ▶ Workstation optimized features include USB port and single line TEL / DSL surge suppression
- ▶ Input: C14 inlet (230V) / Output: 4 C13 (230V) / Jumpers: Includes 2 C13 to C14 cables
- ▶ 2 year warranty

## DESCRIPTION

Tripp Lite's OMNIVSINT800 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 40 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 159 volts back to usable levels without using battery power. Offers complete desktop power protection in an attractive black tower configuration. Includes 4 outlets with battery support and AC surge suppression. 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 UPS overload. 800VA 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.

## KEY BUYING POINTS

- OMNIVSINT800 Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support
- Supports entry level PCs up to 40 minutes during blackouts to enable shutdown without data loss
- Regulates brownouts as low as 159 volts back to usable levels without using battery power
- 4 IEC320 C13 outlets with complete AC surge suppression
- 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
- 800VA 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
- Attractive full color retail packaging
- 2 year product warranty.

## 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](#)
- Watchdog software: [WATCHDOGSW](#)
- C13 to C14 interconnection cable: [P004-006](#)

## PACKAGE INCLUDES

- OMNIVSINT800 line interactive UPS
- 2 C13 to C14 interconnection cables
- USB and phone line cables
- Owner's 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, Audible alarms, Self-test/alarm cancel switch, Automatic voltage regulation (AVR), Cold-start ability, two C13 to C14 jumper cables, Single line TEL protection, Status indicator LEDs, USB monitoring port, USB cable, Attractive all-black cabinet, Battery access panel, 50/60Hz auto-sensing ability"

**Voltage compatibility:** Compatible with 220-240V nominal applications

**Frequency compatibility:** 50/60 Hz auto-sensing

### OUTPUT

**Output volt amp capacity (VA):** 800

**Output watt capacity (watts):** 475

**Output nominal voltage:** 230v

**Output voltage regulation:** BATTERY MODE: PWM sine wave 230V +/-5%

**Output frequency regulation:** LINE MODE: Passes line frequency of 50/60Hz +/-10% BATTERY MODE: Inverter output regulated to 50/60Hz +/-0.5Hz

**Outlet quantity / type:** 4 IEC-C13

### INPUT

**Maximum input amps:** 2.4

**Input connection type:** IEC320-C14 inlet accepts a variety of replacement cordsets to accommodate country or site specific wall receptacles

**Input cord length:** Includes two 1.8m IEC320-C13 to C14 interconnection cables (additional C13 to C14 interconnection cables available, part# P004-006)

### BATTERY

**Full load runtime:** 6 minutes (800VA)

**Half load runtime:** 19 minutes (400VA)

**DC system voltage:** 12 VDC

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

**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 159V back to usable levels

<b>Direct pass through:</b>	Voltages of 199V and greater are passed through to connected equipment unchanged
<b>Brownout correction:</b>	Input voltages between 159 and 199 are boosted by 14%
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Front panel LEDs:</b>	4 front panel LEDs indicate line power status, battery power status, battery low/replace status and UPS 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/standby switch and one dual function "alarm cancel" / "self test" button

## 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

## 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 mode:</b>	2-4 milliseconds
<b>Low voltage transfer to battery power:</b>	Switches to battery power as line voltage decreases to 159 volts or less. Resets to line power mode as line voltage increases to 167V or higher.
<b>High voltage transfer to battery power:</b>	Yes

## CERTIFICATIONS

<b>Certifications:</b>	CE 62040, GOST, SASO, IRAM, RoHS-compliant
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## WARRANTY

<b>Product warranty:</b>	2 year product warranty
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## SPECIAL FEATURES

<b>Cold Start:</b>	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
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**Appearance:**

Attractive all-black tower UPS

*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.*



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