![Tripp Lite Power Protection logo]

Model #: OMNIVS1000

Omni VS UPS System - Line interactive UPS for personal PCs and workstations

Highlights

1000VA / 1kVA 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: 8 NEMA 5-15R (120V)

2 year product warranty .

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.

Built-in RJ45 TEL/Ethernet suppression jacks protect modem, fax machine, cordless phone or other peripheral with a standard single-line tel/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 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 3.5 minutes battery runtime with a full load of 1000VA/500 watts and 14 minutes with a half load of 500VA/250 watts. Supports battery replacement via built-in access panel. 2 year warranty.

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.

Package Includes

OMNIVS1000 Line Interactive UPS

USB and telephone cable

User manual with warranty information

Features

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

Built-in RJ45 TEL/Ethernet suppression jacks protect modem, fax machine, cordless phone or other peripheral with a standard single-line tel/DSL or data line 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

3.5 minutes full load runtime (1000VA/500 watts), 14 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

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V AC
Frequency compatibility	60Hz
OUTPUT	
Output VA	1000
Output 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	3.5 minutes (1000VA / 500 watts)
Half load runtime	14 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	
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 overload

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

SURGE / NOISE SUPPRESSION

AC surge suppression	480 joules
AC suppression response time	Instantaneous
Dataline suppression	Tel/DSL/Ethernet
EMI / RFI AC noise suppression	Yes

PHYSICAL

Shipping weight (lbs)	23.2
Shipping weight (kg)	10.5
Shipping Dimensions (HWD/in)	14 x 8.5 x 10.5
Shipping Dimensions (HWD/cm)	35.6 x 21.6 x 26.7
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
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, 0 to +40 degrees Celsius
Storage Temperature	+5 to +122 degrees Fahrenheit, -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
Line mode BTU/hr. (Max.)	43.6
Battery mode BTU/hr. (Max.)	147.8

COMMUNICATIONS

Network monitoring port	USB
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.
SPECIAL FEATURES	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance	Attractive black color appearance
CERTIFICATIONS	
Certifications	Tested to UL1778 (USA), cUL (Canada), Class B (emissions), NOM (Mexico), FCC Part 68 / Industry Canada (telecommunications)
WARRANTY	
Product warranty	2 year product warranty
Optional coverage	3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.

Related Items

Extended Warranties		
WEXT3-OMNI	3-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	Qty: [optional]
WEXT5-OMNI	5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	Qty: [optional]

Software		
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	Qty: [optional]

Surge Protectors		
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	Qty: [optional]

USB Hubs/Accessories		
U022-010	USB Cable - 10-ft. USB 2.0 AB Gold Device Cable	Qty: [optional]

Wallmount Bracket		
UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	Qty: [optional]

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