OmniPro UPS System
Line-interactive UPS corrects severe brownouts and overvoltages

Model #: OMNIPRO500

▶ 500VA / 300 watts line-interactive tower UPS

▶ Corrects brownouts and overvoltages from 75 to 147V

▶ 6 protected outlets (3 UPS supported / 3 surge-only)

▶ USB communications port and PowerAlert UPS Monitoring Software (available via free download)

▶ Single line tel/DSL line surge suppression

▶ $200,000 Ultimate Lifetime Insurance (USA & Canada only)

DESCRIPTION

Tripp Lite's OMNIPRO500 line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Supports entry level PC systems for up to 30 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 75 volts and overvoltages as high as 147 back to normal 120V levels without consuming battery power. Offers complete desktop power protection in an attractive gray upright tower configuration. Includes 3 battery supported outlets for computer, monitor and one vital system peripheral, plus 3 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. PowerAlert software available via free download from www.tripplite.com. Built-in dataline protection jacks offer protection of a single dialup phone/DSL connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage regulator operation. 500VA / 300 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 5 minutes battery runtime with a full load of 500VA/300 watts and 17 minutes with a half load of 250VA/150 watts. Supports battery replacement via built-in access panel. 2 year warranty. $200,000 connected equipment insurance (USA & Canada only).

KEY BUYING POINTS

- OMNIPRO500 line interactive UPS system offers voltage regulation and battery support, plus complete AC and dialup/DSL line surge suppression
- Supports entry level PC systems for up to 30 minutes during power failures to enable a safe system shutdown
- Supports a maximum load of 500VA/300 watts for 5 minutes and a half load of 250VA /150 watts for 17 minutes
- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 75 volts and overvoltages as high as 147 back to normal 120 volt levels without using battery power
- Attractive gray tower configuration
- Includes 3 battery supported outlets, plus 3 additional surge suppression-only outlets, 6 foot AC line cord (all NEMA 5-15)
- USB port enables unattended shutdown without data loss during extended power failures
- Built-in USB port supports on battery, low battery, power restored, DC battery voltage and battery capacity messaging
- PowerAlert UPS monitoring and unattended shutdown software available via free download from www.tripplite.com
- Supports Tripp Lite's WatchDog Service Monitoring/Rebooting Software (part# WATCHDOGSW)
- Built-in dataline suppression jacks protect a single dialup phone / DSL line or network Ethernet line connection
- Built-in audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 500VA / 300 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports battery replacement via built-in access panel
- Compatible with 120VAC / 60Hz applications for USA, Canada, Mexico and more
- 2 year manufacturer's 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 brownouts and overvoltages are common.

OPTIONS & ACCESSORIES

- USB Hubs-accessories: U202-004-R, U205-004-R DUSB, U022-010
- Circuit Tester: CT120
- WatchDog software: WATCHDOGSW

PACKAGE INCLUDES

- OMNIPRO500 UPS System
- Telephone interconnection cable (user supplies USB cable)
- Instruction manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	Line interactive tower UPS system protects PCs, network workstations and other sensitive electronics from blackouts, brownouts, overvoltages and line noise. Maintains AC output during blackouts and continuously corrects brownouts and overvoltages from 75 to 147 volts back to normal 120V levels. Includes USB monitoring port with cabling, TEL / DSL surge suppression, surge only outlets and LED indicators. PowerAlert software available free via download.
Voltage compatibility:	120VAC
Frequency compatibility:	60Hz
OUTPUT	
Output volt amp capacity (VA):	500
Output watt capacity (watts):	300
Output nominal voltage:	120VAC
Output voltage regulation:	LINE MODE: Sine wave line voltage 120V (-12% / +6%) BATTERY MODE: PWM sine wave output 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:	6 NEMA 5-15R output receptacles (3 with UPS and surge suppression / 3 with surge suppression only)
INPUT	
Maximum input amps / watts:	10A / 1200 watts
Input connection type:	NEMA 5-15P
Input cord length:	6 ft., 16 gauge
Recommended electrical service:	15A 120V
BATTERY	
Full load runtime:	5 minutes (500VA)
Half load runtime:	17 minutes (250VA)
DC system voltage:	12 VDC
Typical battery lifespan:	3-6 years, depending on usage

Battery recharge rate:	2-4 hours to 90%
Included Battery Set:	Includes one 12V 7AH sealed lead acid battery

VOLTAGE REGULATION

Voltage regulation description:	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 75V and overvoltages to 147V
Overvoltage correction:	Input voltages between 128 and 147V AC are reduced by 12%
Direct pass through:	Input voltages between 108 and 127V AC are passed on to connected equipment unchanged
Brownout correction:	Input voltages between 93 and 107V AC are boosted by 14%
Severe brownout correction:	Input voltages between 75 and 92V AC are boosted by 30%

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

SURGE / NOISE SUPPRESSION

AC surge suppression:	Conforms to IEEE 587 / ANSI C62.41 specifications
AC suppression response time:	Instantaneous
Dataline suppression:	Single line TEL/DSL surge suppression with RJ phone connectors (center 2 wires protected, 260V clamping), includes phone cable
EMI / RFI AC noise suppression:	Yes

PHYSICAL

Shipping weight (lbs):	15.4
Shipping weight (kg):	7.0
Unit weight (lbs):	14
Unit weight (kg):	6.4
Unit Dimensions (HWD/in):	8.75 x 5.25 x 6.75
Unit Dimensions (HWD/cm):	22.3 x 13.4 x 17.2
Shipping Dimensions (HWD/in):	12.25 x 8.5 x 9.5
Shipping Dimensions (HWD/cm):	31.2 x 21.6 x 24.2
Material of construction:	PVC
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

COMMUNICATIONS

Network monitoring port:	Single built-in USB port supports on battery, low battery and power restored messaging. Compatible with Tripp Lite's PowerAlert UPS monitoring and auto shutdown software.

Software and cabling included:	PowerAlert software available for free download at www.tripplite.com
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 75 volts or less. Resets back to line power mode as line voltage increases to 79V or higher.
High voltage transfer to battery power:	Switches to battery power as line voltage increases to 147 volts or higher. Resets back to line power mode as line voltage decreases to 143V or less.
CERTIFICATIONS	
Certifications:	UL1778 (USA), cUL (Canada), FCC Class B (emissions), NOM (Mexico), FCC Part 68 / Industry Canada (telecommunications)
WARRANTY	
Optional coverage:	3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.
Product warranty:	2 year product warranty
Connected equipment insurance (USA and Canada Only):	$200,000 connected equipment insurance (USA and Canada only)
SPECIAL FEATURES	
Cold Start:	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance:	Attractive gray tower UPS

The policy of Tripp Lite is one of continuous improvement.

Specifications are subject to change without notice.