OmniSmart Digital UPS

Line-interactive UPS for personal computers, home entertainment systems and media centers

Model #: OMNI650LCD

▶ LCD Display indicates input voltage, battery capacity and a variety of operating conditions

▶ 650VA 120V line-interactive rackmount shelf/tower UPS system

▶ 8 outlets (4 UPS/surge, 4 surge-only)

▶ USB port with HID protocol support, cabling and PowerAlert monitoring software (Web download)

▶ Corrects brownouts as low as 89V

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

Cisco Compatible

Cisco Systems | Technology Developer Partner

DESCRIPTION

Tripp Lite's OMNI650LCD Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs for up to 40 min. or individual VCR/DVR components for as long as 2 hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89v back to usable levels without consuming battery power. Offers complete power protection in an attractive black tower configuration. Includes 4 battery-supported/surge-protected outlets, plus 4 additional surge suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert Software available via free download from www.tripplite.com. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in audible alarm and large LCD front panel voltage display indicates line power status, battery power status, battery low/replace status and voltage boost operation. 650VA/350W power handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3 min. battery runtime with a full load of 650VA/350W and 12 min. with a half load of 325VA/175W. 2-year warranty; $200,000 connected equipment insurance (USA & Canada Only).

KEY BUYING POINTS

- LCD Display indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing with UPS in either vertical or horizontal position
- OMNI650LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long-lasting battery support during blackouts
- Supports entry-level PCs up to 40 min. or single VCR/DVR components for up to 2 hours during blackouts
- Regulates brownouts as low as 89V back to usable levels without consuming battery power
- 4 UPS battery-supported/surge-protected outlets plus 4 additional surge suppression-only outlets
- USB port and PowerAlert software enables unattended shutdown in case of extended power failure
- HID-compliant USB interface enables 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
- 650VA/350W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3 min. full load runtime (650VA/350W), 12 min. half-load runtime (325VA/175W)
- Cabinet adapts to tower format or rackmount shelf format. Rackmount (2U) format requires an optional shelf, available separately
- 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
- Circuit Tester: CT120
- Watchdog software: WATCHDOGSW
- Rackmount Shelf: SR204
- Extended Warranties: 3 Year WEXT3-OMNI, 5 Year WEXT5-OMNI

PACKAGE INCLUDES

- OMNI650LCD Digital UPS System
- USB cable
- Manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:	650VA line-interactive UPS, large LCD volt meter and UPS function indicators, plus UPS and surge-only outlets
Voltage compatibility:	120
Frequency compatibility:	60

OUTPUT

Output volt amp capacity (VA):	650
Output watt capacity (watts):	350
Output nominal voltage:	120VAC
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
Input connection type:	NEMA 5-15P (right-angle plug)
Input cord length:	6 ft./1.8 m
Recommended electrical service:	120V 15A

BATTERY

Full load runtime:	3 min. (650VA/350W)
Half load runtime:	12 min. (325VA /175W)
DC system voltage:	12VDC
Typical battery lifespan:	4-6 years (depending on usage)
Battery recharge rate:	2-8 hours to 90%

VOLTAGE REGULATION

Voltage regulation description:	Line-interactive voltage regulation corrects brownouts as low as 89V back to usable values
Brownout correction:	Input voltages between 89V and 104V are boosted by 14%

LEDS ALARMS & SWITCHES

Front panel LEDs:	Front panel LCD screen with blue backlight offers continuous input line voltage data, plus

	UPS status information on line power status, battery power status, battery charge level 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:	480 joules
AC suppression response time:	Instantaneous
Dataline suppression:	-
EMI / RFI AC noise suppression:	Yes

PHYSICAL

Shipping weight (lbs):	15.6
Shipping weight (kg):	7.1
Unit weight (lbs):	14.6
Unit weight (kg):	6.6
Unit Dimensions (HWD/in):	Tower format: 12 x 3.5 x 6.5 / Rackmount Shelf format: 3.5 x 12 x 6.5
Unit Dimensions (HWD/cm):	Tower format: 30.5 x 8.9 x 16.5 / Rackmount Shelf format 8.9 x 30.5 x 16.5
Shipping Dimensions (HWD/in):	6.5 x 15.5 x 11
Shipping Dimensions (HWD/cm):	16.5 x 39.4 x 27.9
Material of construction:	ABS
Form factors supported:	Rack/Tower
Cooling method:	Convection

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:	HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X.
Software and cabling included:	PowerAlert Software available for free download at www.tripplite.com. USB cable is user supplied.
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 89V or lower switches back to AC mode as line voltage increases to 94V or higher
High voltage transfer to battery power:	Switches to battery mode as line voltage increases to 139V or higher, switches back to AC mode as line voltage decreases to 135V or lower

CERTIFICATIONS

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

WARRANTY

Optional coverage:	3 Year : WEXT3-OMNI, 5 Year: WEXT5-OMNI
Product warranty:	2-year product warranty
Connected equipment insurance (USA and Canada Only):	$200,000 connected equipment insurance (USA & Canada only)

SPECIAL FEATURES

Cold Start:	Yes, inverter can be cold started to enable temporary AC output during a power failure
Appearance:	Attractive black color scheme

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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