Model #: OMNI900LCD

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

Highlights

900VA line interactive tower UPS

Maintains 120V nominal output over an input range of 89 to 132V

Workstation / media-center optimized features supported via USB port (HID-PDC compliant) and four surge-only outlets

Large backlit LCD input voltage display with dimmer switch rotates for upright visibility in shelf or tower placement

Input: NEMA 5-15P (120V 15A) / Output: 8 NEMA 5-15 (120V)

2 year product warranty .

Description

Tripp Lite's OMNI900LCD 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 50 minutes or individual VCR/DVR components for as long as 2.5 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 89 volts back to usable levels without using battery power. Offers complete power protection in an attractive black tower configuration. Includes 4 battery-supported and 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 the 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. 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. The LCD display includes a dimmer switch and can be rotated for easy viewing in any application. 900VA/475 watt power handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3 minutes battery runtime with a full load of 900VA/475 watts and 10 minutes with a half load of 450VA/237 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
OMNI900LCD Digital UPS System
Manual with warranty information

Features

LCD Display with dimmer switch indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing whether UPS is in vertical or horizontal position

OMNI900LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support during blackouts

Supports entry level PCs up to 50 minutes or single VCR/DVR components for up to 2.5 hours during blackouts

Regulates brownouts as low as 89 volts back to usable levels without using battery power

4 UPS battery-supported and surge-protected outlets, plus 4 additional surge suppression-only outlets

USB port enables unattended shutdown in the case of extended power failure (user supplies cable)

HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X.

900VA/475 watt power handling ability supports a variety of sensitive computer, home theater and other equipment

3 minutes full load runtime (900VA/475 watts), 10 minutes half load runtime (450VA/237 watts)

Cabinet adapts to tower format or rackmount shelf format. Rackmount (2U) format requires an optional shelf, available separately

Supports battery replacement via built-in access panel

2-year product warranty

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120
Frequency compatibility	60
OUTPUT	
Output VA	900
Output watts	475
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 minutes (900VA / 475 watts)
Half load runtime	10 minutes (450VA / 237 watts)
DC system voltage	12VDC
Typical battery lifespan	4-6 years (depending on usage)
Replacement Battery Cartridge	RBC51
VOLTAGE REGULATION	
Voltage regulation description	Line interactive voltage regulation corrects brownouts as low as 89V back to usable values
Direct pass through	Voltages of 105V and greater are passed through to connected equipment unchanged
Brownout correction	Input voltages between 89 and 104 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	870 joules
AC suppression response time	Instantaneous
Dataline suppression	-
EMI / RFI AC noise suppression	Yes

PHYSICAL

Shipping weight (lbs)	15.7
Shipping weight (kg)	7.1
Shipping Dimensions (HWD/in)	10.4 x 15.6 x 4.8
Shipping Dimensions (HWD/cm)	26.4 x 39.6 x 12.2
Unit weight (lbs)	14.6
Unit weight (kg)	6.6
Unit Dimensions (HWD/in)	Tower format: 12 x 3.7 x 7.2 / Rackmount Shelf format: 3.7 x 12 x 7.2
Unit Dimensions (HWD/cm)	Tower format: 30.5 x 9.4 x 18.3 / Rackmount Shelf format 9.4 x 30.5 x 18.3
Material of construction	ABS
Form factors supported	Rack/Tower
Cooling method	Convection
Battery Access	Battery access door allows user replacement of UPS batteries
Receptacle Color	Black

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	USB (HID)
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 less, 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

SPECIAL FEATURES

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

CERTIFICATIONS

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

WARRANTY

Product warranty	2 year product warranty
Optional coverage	3 Year: WEXT3-OMNI, 5 Year: WEXT5-OMNI

Related Items

Audio Cables		
CT120	Instant-Read- AC Outlet Circuit Tester	Qty: [optional]

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]

Rack Accessories		
SR204	SmartRack Accessory	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]

.