OmniSmart 1500VA 2U Rack/Tower Line-Interactive 120V UPS with LCD display and USB port

MODEL NUMBER: **OMNI1500LCD**

Highlights

- 1500VA / 1.5kVA 2U rack/tower 120V line interactive UPS with LCD display
- Corrects brownouts and overvoltages from 75V to 147V
- LCD screen reports input voltage, battery charge and UPS status
- USB, TEL/DSL/ethernet protection, Surge-only outlets, Rackmount kit
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

Package Includes

- OMNI1500LCD UPS System
- USB Cable
- Phone Cable
- Rackmount brackets
- Instruction manual

Description

Tripp Lite's OMNI1500LCD Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, and small business network applications. Automatic Voltage Regulation (AVR) circuits regulate brownouts and overvoltages from 75V to 147V back to usable levels without using battery power. Offers complete power protection with support for upright tower 2U rackmount installation in an attractive all-black cabinet design. Includes 6 battery-supported outlets plus 2 additional surge suppression only outlets for devices not requiring battery support. Built-in USB port enables optional unattended system shutdown without data loss in case of extended power failure; cable included. 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 single-line RJ-45 jacks offer protection for equipment with single-line tel/DSL or network Ethernet connection. Built-in audible alarm and large LCD front panel voltage display indicates line power status, battery power status, battery low/replace status and voltage regulation operation. The LCD display includes a dimmer switch and can be rotated for easy viewing in horizontal or vertical placement. 1500VA power-handling capacity supports entry-level PCs, home entertainment systems, network workstations and audio/video components. Offers 2.5 minutes battery runtime at full load of 1500VA and 9 minutes at 750VA. $200,000 connected equipment insurance (USA, Puerto Rico and Canada only).

Features

- LCD Display 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

- OMNI1500LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long-lasting battery support during blackouts

- Regulates brownouts and overvoltages from 75V to 147V back to usable levels without using battery power

- 6 UPS battery-supported outlets for critical items, plus 2 additional surge suppression-only outlets for accessories not requiring battery support

- Included USB monitoring port and cable enables unattended shutdown in the case of extended power failure

- HID-compliant USB port 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
- Set of phone/network protection jacks protects a single dialup/DSL phone line or network Ethernet connection
- 1500VA/825W power handling ability supports a variety of electronic equipment
- 2.5 min. full load runtime (1500VA/825W); 9 min. half-load runtime (750VA/413W)
- Cabinet adapts to tower or rackmount shelf format. Rackmount installation brackets for 2U installation included
- $200,000 connected equipment insurance (USA, Puerto Rico and Canada only).

Specifications

OVERVIEW	
UPC Code	037332155849

INPUT	
Rated input current (Maximum Load)	10A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	10A
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase

OUTPUT	
Output Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Capacity (Watts)	825
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 2 surge-only outlets
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	115V; 120V
Output Receptacles	(8) 5-15R

BATTERY

Runtime Full Load (min.)	2.5 min. (825w)
Runtime Half Load (min.)	9 min. (413w)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 3.5 hours from 10% to 90%

VOLTAGE REGULATION

Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147
Overvoltage Correction	Input voltages between 128 and 147 are reduced by 12%
Undervoltage Correction	Input voltages between 93 and 107 are boosted by 14%
Severe Undervoltage Correction	Input voltages between 75 and 92 are boosted by 30%

USER INTERFACE, ALERTS & CONTROLS

Front Panel LCD Display	Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation; dimmer switch controls LCD brightness
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
LED Indicators	Front panel LCD display

SURGE / NOISE SUPPRESSION

UPS AC Suppression Joule Rating	420
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
EMI / RFI AC Noise Suppression	Yes

PHYSICAL

Primary Form Factor	Rackmount
Rack Height	2U
Cooling Method	Fan
Included Mounting Accessory Description	Pair of mounting ears enable tower and 2-4 post rackmount installation
Installation Form Factors Supported with Included Accessories	2 post 19 inch rackmount; 4 post 19 inch rackmount; Tower
Maximum Device Depth (cm)	26.67
Maximum Device Depth (in.)	10.5

Maximum Device Depth (mm)	267
Primary UPS Depth (mm)	267
Primary UPS Height (mm)	89
Primary UPS Width (mm)	437
Shipping Dimensions (hwd / in.)	7.50 x 21.50 x 15.00
Shipping Dimensions (hwd / cm)	19.05 x 54.61 x 38.10
Shipping Weight (lbs.)	33.40
Shipping Weight (kg)	15.15
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	8.89 x 43.69 x 26.67
UPS Power Module Dimensions (hwd, in.)	3.5 x 17.2 x 10.5
UPS Power Module Weight (kg)	13.34
UPS Power Module Weight (lbs.)	29.4

ENVIRONMENTAL

Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	140
AC Mode Efficiency Rating (100% Load)	95%

COMMUNICATIONS

Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions
PowerAlert Software	Free download from www.tripplite.com
Communications Cable	USB cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Communications Interface	USB (HID enabled)

LINE / BATTERY TRANSFER

Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147

FEATURES & SPECIFICATIONS

Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Product Warranty Period (Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance