OmniSmart LCD 120V 50/60Hz 1500VA 810W Line-Interactive UPS, Tower, LCD display, USB port, Energy Star V2.0

MODEL NUMBER: **OMNI1500LCDT**

Highlights

- 1500VA / 1.5kVA tower 120V line interactive UPS with LCD display
- Maintains battery derived AC output during power failures
- Corrects brownouts and overvoltages from 92-150V
- LCD interface offers detailed UPS status and site power information
- USB interface, TEL/DSL/ethernet and coax line surge suppression
- NEMA 5-15P input plug and 10 NEMA 5-15R outlets
- ENERGY STAR Version 2.0 qualified

Package Includes

- OMNI1500LCDT UPS
- USB cabling
- Manual with warranty information

Description

Tripp Lite's OMNI1500LCDT Line-Interactive Tower UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs or individual VCR/DVR components during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits continuously regulate brownouts and overvoltages from 92V to 150V back to usable levels, all while maintaining a full battery charge. Offers complete power protection in an attractive all-black cabinet design. Includes 10 built-in outlets, 5 with full battery backup and surge suppression for vital system components and another 5 with surge-suppression only for accessories not requiring battery support. Built-in USB port and included cable enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert software is available via free download. HID-compliant USB interface also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in surge dataline surge suppression jacks protect equipment with single-line dialup/DSL or network Ethernet connection. Built-in audible alarm and large LCD front panel display offers easy to read icon-based status indicators and detailed numeric data regarding input voltage, output voltage, frequency, load percentage, load watts, battery voltage and runtime in minutes. 1500VA/810W power-handling capacity supports entry-level PCs, home entertainment systems, network workstations and audio/video components.

Features

- OMNI1500LCDT line interactive UPS offers network-grade voltage regulation, surge suppression and long lasting battery support
- 10 built-in NEMA 5-15R outlets, 5 with UPS and surge suppression for vital components and 5 additional outlets with surge-only protection for devices not requiring battery support
- NEMA 5-15P input plug; 6ft / 1.8m line cord
- Maintains operation of connected equipment to prevent data loss, equipment damage and downtime associated with power failures and severe voltage fluctuations
- Line Interactive Automatic Voltage Regulation / AVR circuits continuously correct brownouts and overvoltages from 92 to 150V without using battery power
- Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges
- Offers 7.5 minutes runtime 50% load (405 watts)

- Supports an entry level desktop system with LCD screen for up to 55 minutes during power failures (75 watts)
- LCD display continuously reports operating mode and battery charge level, plus additional UPS and site power data, such as input & output voltage, frequency, load percentage, load watts, battery voltage and estimated runtime in minutes
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- HID-compliant USB interface also enables automatic integration with built-in power management and auto shutdown features of Windows and Mac OSX
- Built-in data line surge suppression offers protection for equipment with single-line dialup or network ethernet connection, plus one set of coax jacks for CATV / broadcast line protection
- Meets strict ENERGY STAR Version 2.0 efficiency guidelines
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment

Specifications

OVERVIEW	
UPC Code	037332173249
UPS Type	Line-Interactive

INPUT	
Rated input current (Maximum Load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	15A
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Watt Capacity (Watts)	810
Nominal Voltage Details	120v nominal output in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	120V (+9% / -12%)
Output Voltage Regulation (Economy Line Mode)	120V (±10%)

Output Voltage Regulation (Battery Mode)	+/- 5%
UPS Output Receptacles (Surge Suppression Only)	5 UPS outlets, 5 surge-only outlets
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R outlets)
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(10) 5-15R
Individually Controllable Load Banks	No

BATTERY

Battery Type	Valve Regulated Lead Acid (VRLA)
Half Load Runtime (min.)	7.5 minutes (405 watts)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC51 (requires 2)

VOLTAGE REGULATION

Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 92 to 150
Overvoltage Correction	Input voltages between 129 and 147 are reduced by 15%
Undervoltage Correction	Input voltages between 92 and 108 are boosted by 18%

USER INTERFACE, ALERTS & CONTROLS

Front Panel LCD Display	LCD screen with scroll buttons indicates Input voltage, Output voltage, Frequency (Hz), AVR boost / cut status, Output load in watts, Output load percentage, Battery voltage and Estimated runtime in minutes
Switches	Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions

SURGE / NOISE SUPPRESSION

UPS AC Suppression Joule Rating	650
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)
EMI / RFI AC Noise Suppression	Yes

PHYSICAL

Primary Form Factor	Tower
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Primary UPS Depth (mm)	396
Primary UPS Height (mm)	203
Primary UPS Width (mm)	146
Shipping Dimensions (hwd / cm)	28.45 x 23.11 x 49.28
Shipping Dimensions (hwd / in.)	11.20 x 9.10 x 19.40
Shipping Weight (kg)	11.39
Shipping Weight (lbs.)	25.10
UPS Power Module Dimensions (hwd, cm)	20.32 x 14.60 x 39.62
UPS Power Module Dimensions (hwd, in.)	8 x 5.75 x 15.6
UPS Power Module Weight (kg)	11.52
UPS Power Module Weight (lbs.)	25.4

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	5 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	98
Battery Mode BTU / Hr. (Full Load)	826
AC Mode Efficiency Rating (100% Load)	95%

COMMUNICATIONS

PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at https://www.tripplite.com/poweralert
Communications Cable	USB cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite
Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)

LINE / BATTERY TRANSFER	
Transfer Time	2 milliseconds (AC to battery mode), 6 milliseconds (battery to AC mode)
Low Voltage Transfer to Battery Power (Setpoint)	92
High Voltage Transfer to Battery Power (Setpoint)	150
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
STANDARDS & COMPLIANCE	
UPS Certifications	ENERGY STAR Qualified; Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA)
Certification Details	ENERGY STAR Version 2.0 Qualified
WARRANTY	
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)	$250,000 Ultimate Lifetime Insurance