OmniSmart LCD 120V 650VA 350W Line-Interactive UPS, Tower, LCD display, USB port

MODEL NUMBER: **OMNI650LCD**

Highlights

- 650VA tower 120V line interactive UPS with LCD display
- Corrects brownouts as low as 89V without using battery power
- LCD screen reports input voltage, battery charge and UPS status
- USB port, Surge-only outlets, 97% efficiency
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

Package Includes

- OMNI650LCD UPS System
- Instruction manual

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. 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. 650VA/350W power handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3.2 min. battery runtime with a full load of 650VA/350W and 12 min. with a half load of 325VA/175W. Supports user battery replacement via built-in access panel. $200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

Features

- LCD Display indicates input voltage, battery capacity and a variety of operating conditions. LCD Display includes a dimmer switch and 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 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 port enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- 650VA/350W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3.2 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
- Supports battery replacement via built-in access panel
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- $200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Specifications

OVERVIEW	
UPC Carton UPC#	037332126139

OUTPUT	
Output Volt Amp Capacity (VA)	650
Output Watt Capacity (Watts)	350
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	+/- 5%
Output Receptacles	(8) 5-15R
UPS Output Receptacles (Surge Suppression Only)	4 UPS outlets, 4 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

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

BATTERY	
Full Load Runtime (min.)	3.2 min. (350w)
Half Load Runtime (min.)	12 min. (175w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 20 hours from 10 to 90%
Internal UPS Replacement Battery Cartridge	RBC51
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No

VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89
Undervoltage Correction	Input voltages between 89 and 104 are boosted by 14%

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 status; alarm can be disabled using PowerAlert software
LED Indicators	Front panel LCD display

SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous

PHYSICAL

Installation Form Factors Supported with Included Accessories	Tower
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	12 x 3.7 x 7.2
UPS Power Module Dimensions (hwd, cm)	30.48 x 9.40 x 18.29
UPS Power Module Weight (lbs.)	15.5
UPS Power Module Weight (kg)	7.03
Shipping Dimensions (hwd / in.)	4.700 x 15.500 x 10.400
Shipping Dimensions (hwd / cm)	11.94 x 39.37 x 26.42
Shipping Weight (lbs.)	13.3000
Shipping Weight (kg)	6.03
Cooling Method	Convection
UPS Housing Material	ABS
Primary UPS Height (mm)	3,048
Primary UPS Width (mm)	940
Primary UPS Depth (mm)	1,829

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)	31
Battery Mode BTU / Hr. (Full Load)	442
AC Mode Efficiency Rating (100% Load)	97%

COMMUNICATIONS

Communications Interface	USB (HID enabled)
PowerAlert Software	For local monitoring via the UPS's built-in communication ports , download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Cable	User supplies USB cable
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

LINE / BATTERY TRANSFER

Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	89
High Voltage Transfer to Battery Power (Setpoint)	139

SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS

CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)

WARRANTY	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (Latin America)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance