OmniSmart LCD 120V 700VA 420W Line-Interactive UPS, Tower, LCD display, USB port

MODEL NUMBER: **OMNI700LCD**







Highlights

- 700VA 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

- OMNI700LCD UPS System
- Instruction manual

Description

Tripp Lite's OMNI700LCD 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. 97% line-mode efficiency saves energy and reduces BTU heat output. 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. 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. 700VA/420 watt power handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3.7 minutes battery runtime with a full load of 700VA/420 watts and 11.5 minutes with a half load of 350VA/210 watts. Supports battery replacement via built-in access panel. $200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

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
- OMNI700LCD 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

- 97% line-mode efficiency saves energy and reduces BTU heat output
- 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 data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert (user supplies cable)
- 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 tripplite.eaton.com
- 700VA/420 watt power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3.7 minutes full load runtime (700VA/420 watts), 11.5 minutes half load runtime (350VA/210 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
- 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 Code	037332182678
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
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
OUTPUT	
Output Capacity (VA)	700
Output Capacity (Watts)	420
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	+/- 5%
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
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(8) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	3.7 min. (420w)
Runtime Half Load (min.)	11.5 min. (210w)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 16 hours from 10% to 90%
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC51
Battery Replacement Description	Hot-swappable, user replaceable batteries
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	870
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Tower

Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop
Primary UPS Depth (mm)	183
Primary UPS Height (mm)	300
Primary UPS Width (mm)	94
Shipping Dimensions (hwd / in.)	15.40 x 4.60 x 10.50
Shipping Dimensions (hwd / cm)	39.12 x 11.68 x 26.67
Shipping Weight (lbs.)	16.10
Shipping Weight (kg)	7.30
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	29.97 x 9.40 x 18.29
UPS Power Module Dimensions (hwd, in.)	11.8 x 3.7 x 7.2
UPS Power Module Weight (kg)	6.85
UPS Power Module Weight (lbs.)	15.1
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)	61
AC Mode Efficiency Rating (100% Load)	97%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	428
COMMUNICATIONS	
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
Communications Cable	User supplies USB cable
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools (NUT) Compatibility	Yes
Communications Interface	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	4 milliseconds (AC to Battery); 3 milliseconds (Battery to AC)
Low Voltage Transfer to Battery Power (Setpoint)	89
High Voltage Transfer to Battery Power (Setpoint)	139

FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Hot swappable batteries; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Home/Office Desktop; Audio/Video
WARRANTY & SUPPORT	
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

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