ECO Series 120V 650VA 325W Energy-Saving Standby UPS with USB, LCD Display and 8 Outlets

MODEL NUMBER: **ECO650LCD**







Highlights

- 650VA ultra-compact 120V standby UPS, LCD status and control display
- Maintains AC output during power failures, 99% line mode efficiency
- ECO option turns off set of three outlets when the computer is not in use
- USB, TEL/DSL protection, Wall mountable, Surge-only outlets
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

Package Includes

- ECO650LCD UPS System
- USB cable
- Instruction manual

Description

The ECO650LCD ultra-compact green UPS offers complete protection from blackouts, voltage fluctuations and transient surges. Interactive LCD user interface offers detailed UPS and site electrical data, including input/output voltage, estimated runtime remaining, load percentage, load wattage and battery charge level. Energy saving ECO outlets give users the option to automatically power off unused desktop accessories like a printer and audio speakers as the computer connected via USB goes to low-power sleep or shutdown modes. 99% full load efficiency rating offers energy savings and cool operating temperatures. Green eco-friendly design meets strict RoHS environmental standards. Provides uninterruptible transfer to battery derived AC output during power failures and voltage fluctuations with enough runtime to save and shutdown connected equipment without data loss. Space saving, ultra-compact desktop or wall mount compatible housing. Includes 4 battery supported outlets for computer, monitor and two vital system accessories, plus 4 additional surge suppression-only outlets for accessories not requiring battery support. Three surge-only outlets marked “ECO” can be configured to automatically power-off within 3 minutes of the connected computer entering sleep or shutdown mode. USB computer power status for ECO power savings and enables direct integration with built-in power management and auto-shutdown features of Windows and Mac OS X. PowerAlert software is also available via free download to provide advanced auto-shutdown, UPS monitoring and data saving options. USB cable included. Built-in single line RJ11 phone suppression protects modem, fax machine, cordless phone or other accessories with a dial-up/DSL phone connection. Built-in interactive LCD screen offers continuous power and UPS status information. Audible alarm warns of power failure conditions. Self-test, display brightness, alarm disable and LCD information display scrolling options are controllable via interactive LCD user interface. 650VA / 325 watt UPS capacity supports a 100 watt entry-level PC with small monitor for up to 10 minutes during power fail conditions. $100,000 connected equipment insurance (USA, Puerto Rico, & Canada Only).

Features

- ECO650LCD power saving, green UPS offers complete protection from blackouts, voltage fluctuations and transient surges
- Interactive LCD user interface with scroll and select buttons offer detailed UPS status and control options
- LCD screen options support continuous display of Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage - with the option to continuously scroll all six information fields
- LCD screen with scroll and select functions also gives users the ability to enable and disable specific UPS features, such as the ECO energy-saving feature, permanent alarm silence, LCD brightness, information display scroll functions and UPS self-test operation

- Set of 3 optional ECO outlets automatically power off unnecessary computer accessories like a printer, scanner and audio speakers three minutes after computer enters sleep or shutdown mode
- Full load efficiency rating of 99% saves energy and ensures cool operating temperatures
- ECO650LCD emits only 17 BTU/hr. and consumes less than 4 watts once the battery is charged
- Eco-friendly design meets strict RoHS (Restriction of Hazardous Substances) environmental standards
- 650VA / 325 watts provides battery-derived AC output during power failures and severe voltage fluctuations to support a 100w entry level PC with small monitor for up to 10 minutes
- Ultra compact UPS supports a variety of placement options for desktop or wall mount installation
- Includes 4 UPS supported outlets for computer, monitor and two additional vital system peripherals requiring continuous power
- Includes 4 Surge-only outlets for accessories not requiring battery support
- Three of the Surge-only outlets are designated ECO outlets that can be configured to automatically power-off three minutes the connected computer enters low power standby or shutdown mode
- USB monitors computer power status for ECO power savings and enables direct integration with built-in power management and auto-shutdown features of Windows and Mac OS X
- Built-in 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
- Single line RJ11 phone suppression jacks protect modem, fax machine, cordless phone or other accessories from surges on dial-up/DSL phone connections
- USB cable included
- Space-saving right angle input plug
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- $100,000 connected equipment insurance (USA, Puerto Rico and Canada only)

Specifications

OVERVIEW	
UPC Code	037332161307
UPS Type	Standby
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	10A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P; Right-Angled
Input Circuit Breakers	10A
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
OUTPUT	
Output Capacity (VA)	650
Output Capacity (kVA)	0.65

Output Capacity (Watts)	325
Output Capacity (kW)	0.325
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.)	1.5 min. (325W)
Runtime Half Load (min.)	5.3 min. (163W)
Expandable Runtime	No
DC System Voltage (VDC)	12
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation
Switches	Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LCD screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options
Alarm Cancel Operation	Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option
Audible Alarm	Audible alarm indicates power-failure and overload status
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)
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	

Primary Form Factor	Desktop
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount
Primary UPS Depth (mm)	146
Primary UPS Height (mm)	89
Primary UPS Width (mm)	273
Shipping Dimensions (hwd / in.)	4.10 x 12.90 x 8.10
Shipping Dimensions (hwd / cm)	10.41 x 32.77 x 20.57
Shipping Weight (lbs.)	5.60
Shipping Weight (kg)	2.54
UPS Housing Material	Plastic
UPS Power Module Dimensions (hwd, cm)	8.89 x 27.30 x 14.60
UPS Power Module Dimensions (hwd, in.)	3.5 x 10.75 x 5.75
UPS Power Module Weight (kg)	2.18
UPS Power Module Weight (lbs.)	4.8
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)	17
AC Mode Efficiency Rating (100% Load)	99%
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	RJ to USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools (NUT) Compatibility	NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite
Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	AC to battery mode: 6 milliseconds / Battery to AC mode: 3 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	99

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	Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Power saving auto-shutoff ECO outlets
APPLICATIONS	
UPS Applications	Computer/Peripherals; Audio/Video
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	FCC Part 68; RoHS; FCC Part 15 Class B (USA)
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)	$100,000 Ultimate Lifetime Insurance

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.