850VA 425W Standby UPS - 12 NEMA 5-15R Outlets, 120V, 50/60 Hz, USB, LCD, ENERGY STAR, Desktop/Wall

MODEL NUMBER: **ECO850LCD**







Compact desktop UPS with silent alarm provides battery backup support for your home/office network system or digital signage components.

Features

Energy-Saving 850VA/425W/120V Battery Backup for PCs, Home Theater and Digital Signage
The standby ECO850LCD UPS system provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The 12-outlet 120V battery backup is ideal protection for your home office, media center or professional kiosk, security and small-business phone applications, including computers, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, security systems and digital signage equipment.

Allows Time to Back Up Critical Files During a Blackout
Backup support allows you to work through short power failures and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the ECO850LCD should keep an energy-efficient desktop computer with small LCD monitor powered as long as 38 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

12 NEMA 5-15R Outlets Protect Your Connected Components
Six 5-15R outlets provide battery backup and surge protection for your computer, monitor and other crucial components. The other six 5-15R outlets provide surge suppression only for printers, speakers and other desktop equipment regarded as non-essential during a blackout.

ENERGY STAR-Certified to Help You Save Money and Protect the Environment
By meeting strict EPA efficiency guidelines, this ENERGY STAR-certified UPS system helps you save money and energy. An ECO power-saving option features four switched ECO outlets (three surge-only, one surge- and battery-protected) that turn off automatically when the device connected to the Battery Backup Master Outlet is powered down or in sleep mode. These outlets are recommended for printers, desk lamps and other non-essential peripherals that don't need to be operational all the time.

316 Joules Fight Back Against Unexpected Power Surges
A 316-joule surge suppression rating protects connected components from the harmful effects of power surges. Dual network data line jacks protect a wired peripheral from dangerous surges on a single 10/100Base-T or dial-up network connection.

HID-Compliant USB Port Allows for Automatic Saves and Shutdowns

Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Keeps AC power running during blackouts to allow time for file saves and safe shutdown
- 12 NEMA 5-15R outlets power and protect PC, home theater or digital signage equipment
- Touchscreen LCD displays important voltage, load and battery data in real time
- ENERGY STAR-certified to save electricity, lower costs, and protect the environment

Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down desktop PCs and other equipment without data loss during long-term power outages
- Turn off outlets connected to printers, desk lamps and other non-essential devices when not in use to save energy
- Extend runtime for DVRs, wireless routers and other low-power home networking equipment
- Monitor input power quality and UPS runtime in real time via front-panel LCD

Package Includes

- ECO850LCD 850VA 425W 120V Standby ECO UPS with 12 Outlets
- USB cable
- Owner's manual

This USB port connects the ECO850LCD to a computer running free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. USB cable is included.

Combats Electromagnetic Interference That Can Harm Equipment
Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The ECO850LCD incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

Home-Friendly Alarm and Easy-to-Read LCD Touchscreen Report Real-Time Status
The UPS remains silent in both line and battery backup modes. The alarm sounds only to report low battery, excessive load and fault condition. The LCD touchscreen offers five screens of UPS and site power information when the UPS is operating in either on-line or battery power mode. It displays vital voltage, load and battery data, as well as critical fault status.

Compact Housing Compatible with Easy Desktop or Wall-Mount Installation
The space-saving ABS housing fits on a desktop, shelf or anywhere else convenient to your workstation or home theater. Keyhole mounting tabs on the rear allow easy wall-mount installation. The five-foot power cord with NEMA 5-15P plug connects to any compatible AC outlet.

Specifications

OVERVIEW	
UPC Code	037332211132
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
Input Circuit Breakers	10A
UPS Input Cord Length (ft.)	5
UPS Input Cord Length (m)	1.5
Recommended Electrical Service	15A 120V
OUTPUT	
Output Capacity (VA)	850
Output Capacity (kVA)	0.85
Output Capacity (Watts)	425
Output Capacity (kW)	0.425
Nominal Voltage Details	120v nominal output in battery mode

Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Line Mode)	120V (±20%)
Output Voltage Regulation (Battery Mode)	120V (±10%)
UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 6 surge-only outlets
Load Management Receptacles	The ECO Energy-Saving option will automatically POWER OFF four designated ECO outlets when the device connected to the MASTER load-sensing outlet is turned off (after approximately 3 minutes); ECO outlets will immediately POWER ON when the device connected to the MASTER load-sensing outlet begins consuming 21 watts or more (see manual)
Output AC Waveform (AC Mode)	Pure sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(12) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	2.3 min. (425W)
Runtime Half Load (min.)	9 min. (213W)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	8 hours from 10% to 90%
Battery Access	Battery access door
Battery Replacement Description	Replaceable internal batteries (see manual)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Touchscreen LCD reports operating mode, input/output voltage, input/output frequency and load capacity
Switches	Switch controls power off/on status and ECO mode off/on status
Audible Alarm	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	316
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL or Ethernet
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)	310
Primary UPS Height (mm)	85
Primary UPS Width (mm)	130
Shipping Dimensions (hwd / in.)	7.83 x 5.98 x 14.92
Shipping Dimensions (hwd / cm)	19.89 x 15.19 x 37.90
Shipping Weight (lbs.)	7.48
Shipping Weight (kg)	3.39
UPS Housing Material	Plastic
UPS Power Module Dimensions (hwd, cm)	8.51 x 13.00 x 30.99
UPS Power Module Dimensions (hwd, in.)	3.35 x 5.12 x 12.2
UPS Power Module Weight (kg)	3.09
UPS Power Module Weight (lbs.)	6.82
Unit Weight (lbs.)	6.820
Unit Weight (kg)	3.09
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 113°F (-15° to 45°C)
Relative Humidity	0 to 90%, non-condensing
AC Mode BTU / Hr. (Full Load)	8.3
AC Mode Efficiency Rating (100% Load)	>98%
Operating Elevation	0-10000 ft. (0-3000 m)
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	USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	6 milliseconds typical (10 milliseconds max)

Low Voltage Transfer to Battery Power (Setpoint)	95
High Voltage Transfer to Battery Power (Setpoint)	145
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; Retail/Point of Sale; Hospitality
STANDARDS & COMPLIANCE	
Product Certifications	RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; ENERGY STAR Qualified; 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

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