

Specifications

Eaton ECO850LCD

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

General specifications

PRODUCT NAME	Eaton Tripp Lite series ECO UPS
CATALOG NUMBER	ECO850LCD
UPC	037332211132
PRODUCT LENGTH/DEPTH	14.92 in
PRODUCT HEIGHT	7.83 in
PRODUCT WIDTH	5.98 in
PRODUCT WEIGHT	6.82 lb
COMPLIANCES	FCC Class B RoHS ENERGY STAR certified CE Marked REACH FCC Compliant
CERTIFICATIONS	RETIE NOM UL 1778 CSA certified
GLOBAL CATALOG	ECO850LCD
PRODUCT TYPE	UPS

Product specifications

TOPOLOGY	Standby
RACK SIZE	0U
VA RATING	850 VA
PACKAGE CONTENTS	• ECO850LCD 850VA 425W 120V Standby ECO UPS with 12 Outlets • USB cable • Owner's manual
INPUT NOMINAL VOLTAGE	120V AC
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	50/60 Hz
RECEPTACLE	• 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) • 5-15R
OUTPUT NOMINAL VOLTAGE	110 / 120V
ELECTRIC CURRENT - MAX	• 10A • 10
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
RUNTIME AT HALF LOAD	9 min
RELATIVE HUMIDITY	0-90% non-condensing
FRONT PANEL LCD DISPLAY	Touchscreen LCD reports operating mode, input/output voltage, input/output frequency and load capacity
INPUT PLUG TYPE	NEMA 5-15P
OUTPUT RECEPTACLES	5-15R
POWERALERT SOFTWARE	For local monitoring via the UPS's built-in USB port, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
NOMINAL OUTPUT VOLTAGE	110V 115V 120V
NETWORK MANAGEMENT CARDS	Network management not supported

DETAILS	
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	2.3 min. (425W)
COMMUNICATION INTERFACE	USB (HID enabled) USB interface cable included
BATTERY ACCESS	Battery access door
DC VOLTAGE	12
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
COMMUNICATIONS CABLE	USB interface cable included
INPUT CIRCUIT BREAKERS	10A
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)
HIGH VOLTAGE TRANSFER TO BATTERY POWER	145
LOW VOLTAGE TRANSFER TO BATTERY POWER	95
APPLICATION	• Computer/Peripherals • Retail/Point of Sale • Hospitality
SWITCH CONFIGURATION	Switch controls power off/on status and ECO mode off/on status
AC SUPPRESSION JOULE RATING	316
HOUSING MATERIAL	Plastic
OUTPUT AC WAVEFORM (AC MODE)	Pure sine wave
OUTPUT AC WAVEFORM (BATTERY MODE)	PWM sine wave
OUTPUT CAPACITY (KVA)	0.85
OUTPUT CAPACITY (WATTS)	425
OPERATING ELEVATION	Up to 3000m

PRIMARY UPS DEPTH (MM)	310
PRIMARY UPS HEIGHT (MM)	85
PRIMARY UPS WIDTH (MM)	130
AC SUPPRESSION RESPONSE TIME	Instantaneous
AUDIBLE ALARMS	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions
BATTERY START CAPABILITY	Cold-start operation supported
BATTERY REPLACEMENT DESCRIPTION	Replaceable internal battery. Contact customer support for assistance
OUTPUT VOLTAGE REGULATION (LINE MODE)	120V (±20%)
OUTPUT VOLTAGE REGULATION(BATTERY MODE)	120V (±10%)
RECHARGEABLE BATTERY	8 hours from 10% to 90%
RECOMMENDED ELECTRICAL SERVICE	15A 120V
STORAGE TEMPERATURE	5° to 113°F (-15° to 45°C)
NOMINAL VOLTAGE DETAILS	120v nominal output in battery mode
WATCHDOG COMPATIBILITY	Supports Watchdog application, OS and hard-reboot restart options for remote applications
MAXIMUM INPUT AMPS	10
UPS INPUT CORD LENGTH (M)	1.5
UPS POWER MODULE DIMENSIONS	3.35 x 5.12 x 12.2
POWER MODE TRANSFER TIME	6 milliseconds typical (10 milliseconds max)
TOTAL OUTLETS	12
OUTPUT CAPACITY (VA)	850
CONNECTED EQUIPMENT INSURANCE	\$100,000 Ultimate Lifetime Insurance
EMI AC NOISE SUPPRESSION	EMI / RFI AC Noise Suppression
UPS INPUT	5-15P

CONNECTION TYPE	
GREEN ENERGY- SAVING FEATURES	Greater than 95% efficiency - GREEN UPS Power saving auto-shutoff ECO outlets
UPS DATALINE SUPPRESSION	1 line TEL/DSL or Ethernet
UPS OUTPUT RECEPTACLES	6 UPS outlets, 6 surge-only outlets
HIGH AVAILABILITY UPS FEATURES	Surge/noise protection
NOMINAL INPUT VOLTAGE SUPPORTED	120V AC

Resources

BROCHURES [Integrated Solutions
Brochure \(English\)](#)

MANUALS AND USER
GUIDES [Owner's Manual for UPS
Systems \(Multi-language\)](#)

TECHNICAL DATA SHEETS [Runtime Chart for
ECO850LCD](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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