

# CyberPower

## EC850LCD ECOLOGIC UPS

Offering advanced energy-saving battery backup and surge protection against power surges and interruptions.

A compact UPS with standby topology, the CyberPower Ecologic EC850LCD provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems. During power interruptions, the EC850LCD offers reliable power protection and battery backup. When the battery backup detects that the computer is off or in sleep mode, computer peripherals connected to the ECO Mode, surge protected outlets will be automatically turned off, reducing power usage and lowering energy costs (USB connection required). The multifunction LCD provides immediate, detailed information about the UPS battery and power conditions and generates alerts of potential problems before they can affect critical equipment and cause downtime. The EC850LCD comes with a three-year warranty (including coverage of batteries) and a \$100,000 Connected Equipment Guarantee.



### TYPICAL APPLICATIONS

- Desktop Computers
- Workstations
- Home Theater Equipment
- Personal Electronics
- Home Networking
- Routers & Modems
- VoIP Phone Systems

### FEATURES

- Capacity: 850 VA / 510 W
- Topology: Standby
- Waveform: Simulated Sine Wave
- Output: 120 VAC +/- 5%
- Runtime (half/full): 7.9 minutes / 2.3 minutes
- Plug type & cord: NEMA 5-15P, 5-ft. cord
- Outlets: 12 surge protected (3 surge only, 3 surge only with ECO Mode, 6 surge with battery backup)
- Outlet types: 12 x NEMA 5-15R
- Communication: USB
- Management software: PowerPanel® Personal
- Warranty: Three-Year
- Connected Equipment Guarantee: \$100,000
- ENERGY STAR® certified: Yes

# EC850LCD ECOLOGIC UPS



## SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ High-Efficiency
ENERGY STAR® certified	Yes
UPS Topology	Standby
INPUT	
Circuit Breaker	15 A
Cord Length	5 ft (1.5 m)
Input Frequency Range	47 Hz - 53 Hz
Input Plug Type	NEMA 5-15P
Nominal Input Voltage	120 VAC
Plug Style	Right Angle - 45° Offset
OUTPUT	
On Battery Frequency	50/60 Hz +/- 1% (auto-sensing)
On Battery Voltage	120 VAC +/- 5%
On Battery Waveform	Simulated Sine Wave
Outlet Type	12 x NEMA 5-15R
Outlets - Battery & Surge Protected	6
Outlets - Eco-Controlled	3
Outlets - Surge-Only Protected	6
Outlets - Widely-Spaced	4
Outlets - Total	12
Output Power Factor	0.6
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected
Typical Transfer Time	4 ms
VA	850 VA
Watts	510 W

BATTERY	
Battery Quantity	1
Battery Size	12 V
Battery Type	Sealed Lead-Acid Battery
Field-Serviceable Battery	Replaceable by qualified technician
Runtime at Full Load	2.3 minutes
Runtime at Half Load	7.9 minutes
Typical Recharge Time	8 hours
SURGE PROTECTION & FILTERING	
EMI/RFI Filtration	Yes
Surge Suppression	526 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode Low Battery Overload
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On ECO On/Off
Management Cable	USB Cable
Software (Free Download)	PowerPanel® Personal
PHYSICAL	
Color	Black
Form Factor	Compact
Keyhole Mounting Slots	Yes
Material of Construction	Plastic

# EC850LCD ECOLOGIC UPS

## SPECIFICATIONS - CONT.

PHYSICAL DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	30.99 x 7.87 x 17.78 cm
Physical Dimensions - Width/Height/Depth (mm)	310 x 79 x 178 mm
Physical Dimensions - Width/Height/Depth (in.)	12.2 x 3.1 x 7 in.
Weight (kg)	3.49 kg
Weight (lb)	7.7 lbs.

  

SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	10.97 x 24.13 x 38.1 cm
Shipping Dimensions - Width/Height/Depth (mm)	109.73 x 241.3 x 381.0 mm
Shipping Dimensions - Width/Height/Depth (in)	4.32 x 9.5 x 15.0 in.
Weight (kg)	8.96 kg
Weight (lb)	19.75 lbs.

ENVIRONMENTAL	
Operating Elevation	0 - 10,000 ft (0 - 3,048 m)
Operating Relative Humidity	0 - 90% (non-condensing)
Operating Temperature	32 - 104 °F (0 - 40 °C)
Storage Elevation	0 - 50,000 ft (0 - 15,239 m)
Storage Relative Humidity	0 - 95% (non-condensing)
Storage Temperature	5 - 113 °F (-15 - 45 °C)

  

CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778 FCC Part 15 Class B CSA C22.2 No. 107.3-05 FCC DOC Class B

  

WARRANTY	
CEG Amount	\$100,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U1B
Product Warranty	3-Year Limited Warranty