

CyberPower

CP850AVRLCD INTELLIGENT LCD UPS SYSTEM

Offers significant energy savings,
battery backup and surge protection.

A mini-tower UPS with line interactive topology, the CyberPower Intelligent LCD CP850AVRLCD provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems. The CP850AVRLCD uses Automatic Voltage Regulation (AVR) to correct minor power fluctuations without switching to battery power, which extends battery life. AVR is essential in areas where power fluctuations occur frequently. The CP850AVRLCD comes with a three-year warranty (including coverage of batteries) and a \$250,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS

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

FEATURES

- Capacity: 850 VA / 510 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120 VAC +/- 5%
- Runtime (half/full): 11 minutes / 3 minutes
- Plug type & cord: NEMA 5-15P, 6-ft. cord
- Outlets: 9 (4 surge, 5 surge + battery backup)
- Outlet types: 9 x NEMA 5-15R
- Communication: USB, Serial
- Data line protection: Ethernet, Coaxial
- Management software: PowerPanel® Personal
- ENERGY STAR® certified: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$250,000



CP850AVRLCD INTELLIGENT LCD UPS SYSTEM

SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ Bypass Technology
ENERGY STAR® certified	Yes
UPS Topology	Line Interactive
INPUT	
Circuit Breaker	15 A
Cord Length	6 ft (1.8 m)
Input Frequency Range	57 Hz - 63 Hz
Input Plug Type	NEMA 5-15P
Input Voltage Range	90 VAC - 142 VAC
Nominal Input Voltage	120 VAC
Plug Style	Right Angle - 45° Offset
OUTPUT	
Automatic Voltage Regulation	Single Boost
On Battery Frequency	60 Hz +/- 1%
On Battery Voltage	120 VAC +/- 5%
On Battery Waveform	Simulated Sine Wave
Outlet Type	9 x NEMA 5-15R
Outlets - Battery & Surge Protected	5
Outlets - Surge-Only Protected	4
Outlets - Total	9
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 Volts / 9 Ah
Battery Type	Sealed Lead-Acid Battery
Replacement Battery Cartridge	1 x RB12902
Runtime at Full Load	3 min
Runtime at Half Load	11 min
Typical Recharge Time	8 Hours
User-Replaceable Battery	Yes



SURGE PROTECTION & FILTERING	
Coaxial Protection RG6	1 in / 1 out
EMI/RFI Filtration	Yes
Network Protection RJ45	1-in / 1-Out (10/100/1000)
Surge Suppression	1080 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode Low Battery Overload Fault
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On / Wiring Fault
Management Cable	USB Cable
Serial Port	1 Dry Contact
Software (Free Download)	PowerPanel® Personal
PHYSICAL	
Color	Black
Form Factor	Mini-Tower
Material of Construction	Plastic

CP850AVRLCD

INTELLIGENT LCD UPS SYSTEM

SPECIFICATIONS - CONT.

PHYSICAL DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	9.91 x 22.86 x 25.91 cm
Physical Dimensions - Width/Height/Depth (mm)	99 x 229 x 259 mm
Physical Dimensions - Width/Height/Depth (in.)	3.9 x 9 x 10.2 in.
Weight (kg)	6.8 kg
Weight (lbs.)	15.0 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth	17.27 x 30.81 x 35.89 cm
Shipping Dimensions - Width/Height/Depth	172.72 x 308.1 x 358.9 mm
Shipping Dimensions - Width/Height/Depth	6.8 x 12.13 x 14.13 in.
Shipping Weight (kg)	6.41 kg
Shipping Weight (lbs.)	14.13 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 cUL 107 5th FCC DOC Class B
WARRANTY	
Connected Equipment Guarantee (CEG)	Lifetime
CEG Amount	\$250,000
Extended Warranty Option	WEXT5YR-U1B
Product Warranty	3-Year Limited