

CyberPower

CP850AVRLCD INTELLIGENT LCD UPS SERIES

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
- Home Networking/VoIP
- Personal Electronics
- Home Theater Device

FEATURES

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



CP850AVRLCD INTELLIGENT LCD UPS

SPECIFICATIONS

GENERAL

UPS Topology	Line Interactive
Energy Saving	GreenPower UPS™ Bypass Technology

INPUT

Voltage	Nominal 120V
Input voltage range	90Vac - 142Vac
Frequency	60Hz ± 3Hz
Plug Type	NEMA 5-15P
Plug Style	45° Offset Right
Cord Length	6'

OUTPUT

VA	850
Watts	510
On Battery Voltage	120Vac ± 5%
On Battery Frequency	60Hz ± 1%
Automatic Voltage Regulation	Yes - Single Boost (10%)
On Battery Waveform	Simulated Sine Wave
Outlet Type	NEMA 5-15R
Outlets - Total	9
Outlets - Battery & Surge Protected	5
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	4ms

BATTERY

Runtime at Half Load (min)	11
Runtime at Full Load (min)	3
Battery Voltage (V)	12V
Battery Capacity	9Ah
User Replaceable	Yes
Hot Swappable	Yes
Typical Recharge Time	8 Hours
Replacement Battery	RB1290A
Battery Quantity	1

PROTECTIONS

Surge Suppression	1,080 Joules
EMI/RFI Filtration	Yes
Phone RJ11 / Ethernet RJ45	1-In, 1-Out (Combo 10 / 100)
Coax Protection RG6	1-In, 1-Out



MANAGEMENT & COMMUNICATIONS

LCD Backlight	Black
Intelligent Multifunction LCD Interface	Displays: Load Capacity %, Load Capacity Absolute, Battery Charge %, Input / Output Voltage, Input / Output Frequency, Estimated Runtime, AVR, On Battery, Overload, Schedule, Silence, Fault
HID Compliant USB Port	Yes
Serial Port	Yes (Dry Contact)
Management Cable	USB Cable
LED Indicators	Power On, Wiring Fault
Audible Alarms	On Battery, Low Battery, Overload, Fault
Software (free download)	PowerPanel® Personal Edition
SNMP/HTTP Remote Monitoring	No

PHYSICAL

Dimensions (WxHxD) (in.)	3.9 x 9.0 x 10.2
Weight (lbs.)	15.0
Form Factor	Mini-Tower

ENVIRONMENTAL

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

CERTIFICATIONS

Safety	UL1778, cUL 107 5th, FCC Class B
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WARRANTY

Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	\$250,000