

# CyberPower

## PS900AVRLCD BATTERY BACKUP

Protect desktop computers,  
workstations, networking devices,  
and home entertainment systems

A compact UPS with line interactive topology, the CyberPower PS900AVRLCD provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems. The PS900AVRLCD 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 PS900AVRLCD comes with a three-year warranty (two-year coverage of batteries).

### TYPICAL APPLICATIONS

- Desktop Computers
- Automatic Voltage Regulation
- Workstations
- Home Theater Equipment
- Personal Electronics
- Home Networking
- Routers & Modems
- Voice Over Internet Protocol (VoIP) Phone Systems

### FEATURES

- Capacity: 900 VA / 500 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120 VAC +/- 5%
- Runtime (half/full): 7.5 minutes / 1.5 minutes
- Plug style: Right angle, 45° offset right
- Plug type & cord: NEMA 5-15P, 5 ft. cord
- Outlets: 12 (6 surge, 6 surge + battery backup)
- Outlet types: 12 x NEMA 5-15R
- Communication port: 2 USBs - 1 USB-A; 1 USB C
- Data line protection: Telephone
- ENERGY STAR® qualified: Yes
- Warranty: 3-year product. 2-year battery



# PS900AVRLCD

## BATTERY BACKUP

### SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ Bypass Technology
UPS Topology	Line Interactive
BATTERY	
Battery Quantity	1
Battery Size	12 Volts / 9 Amp Hours
Battery Type	Sealed Lead-Acid Battery
Replacement Battery Cartridge	RBPO089
Replacement Battery Cartridge Quantity	1
Runtime at Full Load	1.5 minutes
Runtime at Half Load	7.5 minutes
Typical Recharge Time	8 Hours
User-Replaceable Battery	Yes
INPUT	
Circuit Breaker	15 Amps
Cord Length	5 ft (1.5 m)
Input Frequency Range	57 Hz to 63 Hz
Input Plug Type	NEMA 5-15P
Input Voltage Range	90 VAC to 148 VAC
Nominal Input Voltage	120 VAC
Plug Style	Right Angle - 45° Offset
OUTPUT	
Automatic Voltage Regulation	Single Boost Single Buck
On Battery Frequency	50 to 60 Hz +/- 1%
On Battery Voltage	120 VAC +/- 10%
On Battery Waveform	Simulated Sine Wave
Outlet Type	12 - NEMA 5-15R
Outlets - Battery & Surge Protected	6
Outlets - Surge-Only Protected	6
Outlets - Total	12
Output Power Factor	0.55
Overload Protection	Circuit Breaker Protected
Typical Transfer Time	4 ms

OUTPUT - CONTINUED	
USB Charge Port	Yes
USB Charge Port Type	1 Type A / 1 Type C
USB Charge Port Voltage	5 VDC
VA	900 VA
Watts	500 W
SURGE PROTECTION & FILTERING	
EMI/RFI Filtration	Yes
Phone / Network Protection RJ11 / RJ45	1 - in / 1 - out
Surge Suppression	245 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode / Low Battery Overload / Fault
HID Compliant USB Port	No
LCD	Multifunction LCD
LED Indicators	Power On
Management Cable	USB Cable
PHYSICAL	
Color	Black
Form Factor	Compact
Material of Construction	Plastic
PHYSICAL DIMENSIONS	
Physical Dimensions - Width/Height/Depth	30.99 x 17.78 x 8.8 cm
Physical Dimensions - Width/Height/Depth	310 x 178 x 89 mm
Physical Dimensions - Width/Height/Depth	12.20 x 7 x 3.5 in.
Weight	5.44 kg
Weight	12.00 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth	12.85 x 24.94 x 37.47 cm
Shipping Dimensions - Width/Height/Depth	128.52 x 249.43 x 374.65 mm
Shipping Dimensions - Width/Height/Depth	5.06 x 9.82 x 14.75 in.
Shipping Weight (kg)	6.92 kg
Shipping Weight (lbs.)	15.25 lbs.

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## BATTERY BACKUP

### SPECIFICATIONS - CONTINUED

ENVIRONMENTAL	
Online Thermal Dissipation	126.9 BTU/hr
Operating Elevation	0 to 10,000 ft (0 to 3,048 m)
Operating Relative Humidity	0 to 90% (non-condensing)
Operating Temperature	32 to 104 °F (0 to 40 °C)
Storage Elevation	0 to 50,000 ft (0 to 15,239 m)
Storage Temperature	5 to 113 °F (-15 to 45 °C)

CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778 4th Ed.
WARRANTY	
Product Warranty	Three-Year Limited