

# CyberPower

## CP1500AVRL BATTERY BACKUP

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

A mini-tower UPS with line interactive topology, the CyberPower AVR Series CP1500AVRL provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems. During longer power outages, the CP1500AVRL delivers enough battery backup power to perform a graceful shutdown to protect against the loss of data and damage to electronics. It 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 CP1500AVRL comes with a three-year warranty (including coverage of batteries) and a \$500,000 Connected Equipment Guarantee..

### 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: 1500 VA / 900 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120Vac +/- 5%
- Runtime (half/full): 11 minutes / 3 minutes
- Plug type & cord: NEMA 5-15P, 6 ft. cord
- Outlets: 10 (5 surge, 5 surge + battery backup)
- Outlet types: 10 x NEMA 5-15R
- Communication: USB, Relay
- Data line protection: Network, Coaxial
- Management software: PowerPanel® Personal
- Warranty: 3-year
- Connected Equipment Guarantee: \$500,000
- ENERGY STAR® certified: Yes



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## SPECIFICATIONS

### GENERAL

Energy Saving	GreenPower UPS™ Bypass Technology
Energy Star Certified	Yes
UPS Topology	Line Interactive

### BATTERY

Battery Quantity	2
Battery Size	12 Volts / 9 Amp Hours
Battery Type	Sealed Lead-Acid Battery
Hot-Swappable	Yes
Replacement Battery Cartridge	RB1290X2 (for serial numbers that begin with "BHG")
Replacement Battery Cartridge Quantity	1
Runtime at Full Load	3 minutes
Runtime at Half Load	11 minutes
Typical Recharge Time	8 Hours
User-Replaceable Battery	Yes

### INPUT

Adjustable Voltage Range	88 to 144 VAC
Circuit Breaker	15 Amps
Cord Length	6 ft (1.8 m)
Input Frequency Range	57 Hz to 63 Hz
Input Plug Type	NEMA 5-15P
Input Voltage Range	88 VAC to 144 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	10 - NEMA 5-15R
Outlets - Battery & Surge Protected	5
Outlets - Surge-Only Protected	5



### OUTPUT - CONT.

Outlets - Widely-Spaced	2
Outlets - Total	10
Output Power Factor	0.6
Typical Transfer Time	8 ms
USB Charge Port	Yes
VA	1500 VA
Watts	900 W

### SURGE PROTECTION & FILTERING

Coax Protection RG6	1-in / 1-out
EMI/RFI Filtration	Yes
Network Protection RJ45	1-in / 1-Out (10/100/1000)
Surge Suppression	1500 J

### MANAGEMENT & COMMUNICATIONS

Audible Alarms	Battery Mode / Low Battery Overload / Fault
HID Compliant USB Port	Yes
LED Indicators	Power On / Wiring Fault Battery Mode / AVR Overload
Management Cable	USB Cable
Serial Port	1 Dry Contact
Software (Free Download)	PowerPanel® Personal

# CP1500AVRL

## BATTERY BACKUP

### SPECIFICATIONS - CONTINUED

PHYSICAL	
Color	Black
Form Factor	Mini-Tower
Material of Construction	Plastic
PHYSICAL DIMENSIONS	
Physical Dimensions - Width/Height/Depth	9.91 x 24.89 x 34.8 cm
Physical Dimensions - Width/Height/Depth	99 x 249 x 348 mm
Physical Dimensions - Width/Height/Depth	3.9 x 9.8 x 13.7 in.
Weight	10.93 kg
Weight	24.10 lbs.
Country of Origin	Philippines
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth	19.63 x 36.83 x 43.18 cm
Shipping Dimensions - Width/Height/Depth	196.34 x 368.3 x 431.8 mm
Shipping Dimensions - Width/Height/Depth	7.73 x 14.5 x 17.0 in.
Shipping Weight (kg)	12.02 kg
Shipping Weight (lbs.)	26.50 lbs.

ENVIRONMENTAL	
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 Relative Humidity	0 to 95% (non-condensing)
Storage Temperature	5 to 113 °F (-15 to 45 °C)
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778 cUL 107 5th FCC DOC Class B
WARRANTY	
Connected Equipment Guarantee	\$500,000
Extended Warranty Option	WEXT5YR-U2A
Product Warranty	Three-Year Limited