

CyberPower

CP800AVR AVR UPS SERIES

Offers significant energy savings,
battery backup and surge protection.

The CyberPower CP800AVR uninterruptible power supply (UPS) system provides battery backup and surge protection for lightning-induced surges and other power events that can damage electronic equipment. This UPS, with line-interactive topology, uses simulated sine wave output to deliver battery backup to power connected electronics during a utility power failure. The unit has enough runtime to perform a graceful shutdown to protect against the loss of data and damage to valuable desktop computers, workstations, networking devices, and home entertainment systems.

The CP800AVR uses Automatic Voltage Regulation (AVR) to correct minor power fluctuations without switching to battery power. AVR is essential in areas where power fluctuations occur frequently, and it helps to extend the unit's battery life. CyberPower designed the CP800AVR to minimize noise for a quieter work environment and run efficiently to reduce power consumption.

With a \$200,000 lifetime connected equipment guarantee and a three-year warranty, you can trust CyberPower's commitment to the quality of this battery backup with surge protection.



TYPICAL APPLICATIONS

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

FEATURES

- Capacity: 800 VA / 450 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120 VAC +/- 5%
- Runtime (half/full): 13.5 minutes / 1.2 minutes
- Plug type & cord: NEMA 5-15P, 6 ft. cord
- Outlets: 8 (4 surge, 4 surge + battery backup)
- Outlet types: 8 x NEMA 5-15R
- Communication: USB, Serial
- Management software: PowerPanel® Personal
- ENERGY STAR® certified: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$200,000

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SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ High-Efficiency
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
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	8 x NEMA 5-15R
Outlets - Battery & Surge Protected	4
Outlets - Surge-Only Protected	4
Outlets - Widely-Spaced	4
Outlets - Total	8
Output Power Factor	0.6
Overload Protection	Internal Circuitry Limiting
Typical Transfer Time	4 ms
VA	800 VA
Watts	450 W

BATTERY	
Battery Quantity	1
Battery Size	12 Volts / 5.5 Ah
Battery Type	Sealed Lead-Acid Battery
Replacement Battery Cartridge	RB1290 (for serial numbers that begin with "CT9")
Runtime at Full Load	2 minutes
Runtime at Half Load	9 minutes
Typical Recharge Time	8 Hours
User Replaceable Battery	Yes
SURGE PROTECTION & FILTERING	
EMI/RFI Filtration	Yes
Surge Suppression	1030 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Input Fault Low Battery Overload
HID Compliant USB Port	Yes
LED Indicators	Power On Wiring Fault
Management Cable	USB Cable Serial Cable
Serial Port	1 Serial
Software (Free Download)	PowerPanel® Personal
PHYSICAL	
Color	Black
Form Factor	Compact
Keyhole Mounting Slots	Yes
Material of Construction	Plastic

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SPECIFICATIONS CONT.

PHYSICAL DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	27.94 x 17.27 x 8.89 cm
Physical Dimensions - Width/Height/Depth (mm)	279 x 173 x 89 mm
Physical Dimensions - Width/Height/Depth (in.)	11 x 6.8 x 3.5 in.
Weight (kg)	5.76 kg
Weight (lb)	12.7 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	13.34 x 0.25 x 36.83 cm
Shipping Dimensions - Width/Height/Depth (mm)	133.35 x 2.54 x 368.3 mm
Shipping Dimensions - Width/Height/Depth (in)	5.25 x 0.1 x 14.5 in.
Weight (kg)	9.3 kg
Weight (lb)	20.5 lbs.

ENVIRONMENTAL	
Operating Relative Humidity	0 to 90% (non-condensing)
Operating Temperature	32 to 95 °F (0 to 35 °C)
Storage Temperature	5 to 113 °F (-15 to -45 °C)
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778 cUL 107.3 FCC DOC Class B
WARRANTY	
CEG Amount	\$200,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U1B
Product Warranty	3-Year Limited Warranty