

CyberPower

BRG850AVRLCD 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 Series BRG850AVRLCD provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems.

The BRG850AVRLCD 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. Two USB charge ports power portable devices such as mobile phones and tablets, even during a utility power failure.

The BRG850AVRLCD comes with a five-year warranty (including coverage of batteries) and a \$250,000 Connected Equipment Guarantee.



TYPICAL APPLICATIONS

- Desktop Computers
- Home Networking/VoIP
- Personal Electronics
- Home Theater Devices

FEATURES

- 850VA / 510W
- Line Interactive Topology
- Automatic Voltage Regulation
- GreenPower UPS™
- ENERGY STAR® Qualified
- USB 2.1A Charging Ports
- Full-time Surge Protection and Battery Backup
- Mini-Tower Form Factor
- 10 Outlets/USB Port/RJ45 Protection
- EMI/RFI Filters
- PowerPanel® Personal
- 5-Year Warranty*

SPECIFICATIONS

| GENERAL | | OUTPUT | |
|-----------------------|-------------------------------------|-------------------------------------|--------------------------|
| UPS Topology | Line Interactive | VA | 850 |
| Energy Star Certified | Yes | Watts | 510 |
| Energy Saving | GreenPower UPS™ Bypass Technology | Automatic Voltage Regulation | Boost 1 +10% / Buck -10% |
| INPUT | | On Battery Voltage | 120Vac ± 5% |
| Voltage | Nominal 120V | On Battery Frequency | 60Hz ± 1% |
| Frequency | 60Hz ± 3Hz | On Battery Waveform | Simulated Sine Wave |
| Input Voltage Range | 90Vac - 148Vac | Outlet Type | NEMA 5-15R |
| Plug Type | NEMA 5-15P | Outlets - Total | 10 |
| Plug Style | Right Angle, 45 Degree Offset Right | Outlets - Battery & Surge Protected | 5 |
| Cord Length | 6' | Outlets - Surge-Only Protected | 5 |

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SPECIFICATIONS CONT.

OUTPUT CONT.

| | |
|-------------------------|---|
| USB Charge Port - Total | 2 |
| USB Charging Amperage | 2.1A |
| Overload Protection | Internal circuitry limiting / circuit breaker |
| Transfer Time | 4ms |

BATTERY

| | |
|----------------------------|------------------|
| Runtime at Half Load (min) | 11 |
| Runtime at Full Load (min) | 2 |
| Battery Type | Sealed Lead-Acid |
| Battery Size | 12V/8AH |
| Hot-Swappable | No |
| Replacement Battery | RB1280 |
| Battery Quantity | 1 |
| User Replaceable | Yes |
| Typical Recharge Time | 8 Hours |

SURGE PROTECTION & FILTERING

| | |
|-------------------------|----------------------------|
| Surge Suppression | 1080 |
| Network Protection RJ45 | 1-in / 1-out (10/100/1000) |
| Coax Protection RG6 | 1-In, 1-Out |
| EMI/RFI Filtration | Yes |

MANAGEMENT & COMMUNICATIONS

| | |
|--------------------------|--|
| Multifunction LCD | Yes |
| HID Compliant USB Port | Yes |
| Serial Port | Yes |
| Management Cable | USB Cable |
| LED Indicators | Power On, Wiring Fault |
| Audible Alarms | Battery Mode, Low Battery, Overload, Fault |
| Software (Free Download) | PowerPanel® Personal |



PHYSICAL

| | |
|--------------------------|------------------|
| Form Factor | Mini-Tower |
| Dimensions (WxHxD) (in.) | 3.9 x 9.7 x 10.2 |
| Weight (lbs.) | 14.8 |

ENVIRONMENTAL

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

CERTIFICATIONS

| | |
|---------------|----------------------------------|
| Safety | UL1778, cUL 107, FCC DOC Class B |
| Environmental | RoHS Compliant |

WARRANTY

| | |
|-------------------------------|---------------------------|
| CEG Amount | \$250,000 |
| Product Warranty | 5 Years Limited Warranty* |
| Connected Equipment Guarantee | Lifetime |

* Units purchased prior to April 1st, 2016 have a 3 year warranty.
Units purchased on or after April 1st, 2016 have a 5 year warranty.