

CyberPower

BRG1500AVRLD2 INTELLIGENT LCD UPS SERIES

Protect SOHO networks, desktop computers, workstations, and peripherals

A mini-tower UPS with line interactive topology, the CyberPower Intelligent LCD provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems. The BRG1500AVRLD2 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 BRG1500AVRLD2 comes with a five-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 and Modems
- VoIP Phone Systems

FEATURES

- Capacity: 1500 VA / 900 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120 VAC 3 5%
- Runtime (half/full): 12 minutes / 2 minutes
- Automatic Voltage Regulation: Boost (+10%), Buck (-10%)
- Plug Type and Cord: NEMA 5-15P, 6ft. cord
- Outlets: 12 (6 surge, 6 surge + battery backup)
- USB Charge Ports: 2 (1 USB-A 2.4A, 1 USB-C 18W PD)
- Communication: USB, Serial
- Data Line Protection: Ethernet
- Management Software: PowerPanel® Personal
- Remote Management: Yes, with optional RMCARD205, RCCARD100 or RWCCARD100
- ENERGY STAR® certified: Yes
- Warranty: Five-Year
- Connected Equipment Guarantee: \$500,000



BRG1500AVRLCD2

INTELLIGENT LCD UPS SERIES

SPECIFICATIONS

GENERAL

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

BATTERY

Battery Quantity	2
Battery Size	12 V / 9 Ah
Battery Type	Sealed Lead-Acid Battery
Replacement Battery Cartridge	RB1290X2E
Replacement Battery Cartridge Quantity	1
Runtime at Full Load	2 min
Runtime at Half Load	12 min
Typical Recharge Time	8 Hours
User-Replaceable Battery	Yes

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	Boost (+10%) Buck (-10%)
On AC Waveform	Sine Wave
On Battery Frequency	60Hz ± 1%
On Battery Voltage	120 VAC ± 5%
On Battery Waveform	Simulated Sine Wave
Outlet Type	12 - NEMA 5-15R
Outlets - Battery and Surge Protected	6
Outlets - Surge Only Protected	6
Outlets - Total	12
Output Power Factor	0.6
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected



OUTPUT - CONT.

Typical Transfer Time	4 ms
USB Charge Port Type	1 Type A 1 Type C
USB Charge Port Voltage	5 VDC
USB Charge Port Watts	20 Watts
VA	1500 VA
Watts	900 W

SURGE PROTECTION & FILTERING

EMI/RFI Filtering	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
Management Software	PowerPanel® Personal
SNMP/HTTP Remote Management	Yes, with optional RMCARD205, RCCARD100 or RWCCARD100
HID Compliant USB Port	Yes
LCD	Multifunction Color LCD
LED Indicators	Power On Wiring Fault
Management Cable	USB Cable

PHYSICAL

Color	Black
Form Factor	Mini Tower
Material of Construction	Plastic

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SPECIFICATIONS - CONT.

DIMENSIONS

Physical Dimensions - WxHxD (cm)	10.01 x 25.91 x 35.0 cm
Physical Dimensions - WxHxD (mm)	100 x 259 x 350 mm
Physical Dimensions - WxHxD (in.)	3.94 x 10.2 x 13.78 in.
Physical Weight (kg)	10.80 kg
Physical Weight (lb)	23.80 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - WxHxD (cm)	19.0 x 36.8 x 45.01 cm
Shipping Dimensions - WxHxD (mm)	189.99 x 368.05 x 450.09 mm
Shipping Dimensions - WxHxD (in.)	7.48 x 14.49 x 17.72 in.
Shipping Weight (kg)	11.50 kg
Shipping Weight (lbs.)	25.35 lbs.

ENVIRONMENTAL

Operating Elevation	0 - 10,000 ft (0 - 3,048 m)
Operating Relative Humidity	0 - 95 % (non-condensing)
Operating Temperature	32 - 104 °F (0 - 40 °C)
Storage Elevation	0 - 50,000 ft (0 - 15,239 m)
Storage Relative Humidity	0 - 95 % (non-condensing)
Storage Temperature	5 - 113 °F (-15 - 45 °C)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	UL1778 cUL 107 5th FCC DOC Class B

WARRANTY

CEG Amount	\$500,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U2A
Product Warranty	Five-Year Limited