CyberPower

BRG1500AVRLCD2 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 +/- 5%
- Runtime (half/full): 12 minutes / 2 minutes
- Plug type & 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
- SNMP/HTTP Remote management: Yes, with optional RMCARD205, RCCARD or RWCCARD
- ENERGY STAR® certified: Yes
- Warranty: Five-Year Limited
- Connected Equipment Guarantee: $500,000

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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 Right

OUTPUT

Automatic Voltage Regulation	Single Boost Single Buck
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
HID Compliant USB Port	Yes
LCD	Multifunction 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 - Width/Height/Depth (cm)	10.01 x 25.91 x 35.0 cm
Physical Dimensions - Width/Height/Depth (mm)	100 x 259 x 350 mm
Physical Dimensions - Width/Height/Depth (in.)	3.94 x 10.2 x 13.78 in.
Weight (kg)	10.80 kg
Weight (lbs.)	23.80 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - Width/Height/Depth (cm)	19.0 x 36.8 x 45.01 cm
Shipping Dimensions - Width/Height/Depth (mm)	189.99 x 368.05 x 450.09 mm
Shipping Dimensions - Width/Height/Depth (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
Product Warranty	Five-Year Limited