



BL1450U BATTERY BACKUP

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

A mini-tower UPS with line interactive topology, the CyberPower BL1450U provides battery backup (using simulated sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems. The BL1450U 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, one Type-A and one Type-C, power portable devices such as mobile phones and tablets, even during a utility power failure. The BL1450U comes with a three-year warranty (including coverage of batteries) and a \$400,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS

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

FEATURES

- Capacity: 1450 VA / 810 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120 VAC \pm 5%
- Runtime (half/full): 10 minutes / 2 minutes
- Plug type and cord: NEMA 5-15P, 6-ft. cord
- Outlets: 10 (5 surge, 5 surge + battery backup)
- Outlet types: 10 x NEMA 5-15R
- Communication: USB
- USB Charging: 2 USB Ports (4.0A)
- Data Line Protection: Network
- Management Software: PowerPanel® Personal
- ENERGY STAR® Certified: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$400,000



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BATTERY BACKUP

SPECIFICATIONS

GENERAL

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

BATTERY

Battery Quantity	2
Battery Size	12 V / 7 Ah
Battery Type	Sealed Lead-Acid Battery
Replacement Battery Cartridge	RB1270X2C
Runtime at Full Load	2 min
Runtime at Half Load	10 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	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 and Surge Protected	5
Outlets - Surge-Only Protected	5
Outlets - Widely-Spaced	2
Outlets - Total	10
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected



OUTPUT - CONT.

USB Charge Port	Yes
USB Charge Port Type	1 Type A, 1 Type C
USB Charge Port Voltage	5 VDC
VA	1,450 VA
Watts	810 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 (Joules)	800 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
Software (Free Download)	PowerPanel® Personal

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SPECIFICATIONS CONT.

PHYSICAL		ENVIRONMENTAL	
Color	Black	Operating Elevation	0 - 10,000 ft (0 - 3,048 m)
Form Factor	Mini-Tower	Operating Relative Humidity	0 - 90 % (non-condensing)
Material of Construction	Plastic	Operating Temperature	32 - 104 °F (0 - 40 °C)
DIMENSIONS		CERTIFICATIONS	
Dimensions - WxHxD (cm)	9.91 x 24.89 x 34.8 cm	Environmental	RoHS Compliant
Dimensions - WxHxD (mm)	99 x 249 x 348 mm	Safety	UL1778 cUL FCC DOC Class B
Dimensions - WxHxD (in.)	3.9 x 9.8 x 13.7 in	WARRANTY	
Weight (kg)	10.07 kg	CEG Amount	\$400,000
Weight (lbs.)	22.20 lbs.	Connected Equipment Guarantee	Lifetime
SHIPPING DIMENSIONS		Extended Warranty Option	WEXT5YR-U2A
Shipping Dimensions - WxHxD (cm)	17.78 x 32.39 x 43.18 cm	Product Warranty	Three-Year Limited Warranty
Shipping Dimensions - WxHxD (mm)	177.8 x 323.85 x 431.8 mm		
Shipping Dimensions - WxHxD (in.)	7.0 x 12.75 x 17.0 in		
Shipping Weight (kg)	11.16 kg		
Shipping Weight (lbs.)	24.60 lbs.		