

PR1000LCD

The PR1000LCD UPS offers advanced pure sine wave power protection for corporate servers, network hardware and telecom equipment.



KEY FEATURES:

- 1500VA / 700W Pure Sine Wave
- Line-Interactive Topology
- Full AVR Buck/Boost
- GreenPower UPS™
- Mini-Tower Form Factor
- LCD Control Panel
- Removable display option
- SNMP / HTTP remote management
- 8 Outlets / USB, Serial, & EPO ports
- EMI/RFI Filters
- PowerPanel® Business Edition

Runtimes:

7 Minutes at Full-load

24.5 Minutes at Half-load

DESIGNED FOR:

- Corporate Data Centers
- Corporate Servers
- Departmental Servers
- Telecom Installations
- Network Hardware

The CyberPower Smart App Sinewave PR1000LCD mini-tower uninterruptible power supply (UPS) with LCD control panel and pure sine wave output is Active PFC compatible for safeguarding mission-critical servers, telecom equipment, VoIP and internetworking hardware that require seamless pure sine wave power. Its full Automatic Voltage Regulation (AVR) boost/buck topology delivers a consistent and clean AC power, protecting connected equipment and preventing costly business interruptions. Patented GreenPower UPS™ advanced circuitry reduces UPS energy costs by up to 75% compared to competitive models.

The LCD Control Panel provides 41 different settings to check status and customize the operating settings for the PR1000LCD, plus it can be removed and mounted separately from the UPS for ease of use regardless of where the UPS is installed. Functions include menus for checking power status on (11) different parameters, (23) settings for setup and control of the UPS, (3) battery test & calibration options, and (4) selections in the Log menu. With its attached cable the LCD control panel can be removed from the UPS and relocated up to 4.5ft. away from the UPS for ease of viewing when installed in hard to reach locations.

The PR1000LCD unit has a capacity of 1000VA/700Watts, six (8) NEMA 5-15R receptacles and two (2) maintenance-free, user-replaceable 12V/12.0Ah batteries. This unit offers connectivity via one (1) HID USB, one (1) DB9 serial and one (1) emergency power off (EPO) port. EMI/RFI filters increase the immunity of the load to noise disturbances.

This UPS unit incorporates microprocessor-based fully digital control and includes PowerPanel® Business Edition providing the user unsurpassed flexibility and control.

FEATURES & BENEFITS:

Pure Sine Wave: When operating on battery, the Smart App Sinewave UPS outputs power with a pure sine wave that is identical to or cleaner than the power from the utility company grid, free of harmonic distortion and electrical noise, resulting in optimal line clarity.

LCD Control Panel: The innovative LCD interface enables users to check UPS Status, manage UPS Setup & Control, and run Testing/Battery Calibration options. Status and Log menus provide UPS vitals including input & output voltage levels, battery information, run-time estimates, load information, event and fault logging, and other system information. The Setup and Control menus offer users the ability to customize their PR1000LCD UPS to their specific parameters of operation including shutdown options, voltage sensitivity, alarm settings and other parameters. The Test menu enables self testing and battery calibration to insure your UPS is operating correctly.

Removable LCD Control Panel: The LCD Control Panel on the PR1000LCD can be removed and relocated for easy viewing using the attached 4.5ft. cable. This feature provides easy access to view status or change settings on the UPS when it's installed in a hard to reach area such as the bottom of a rack, under a desk, in a crowded IT closet, or on the floor.

Full Automatic Voltage Regulation: Full AVR boost/buck topology stabilizes the AC voltage by increasing low voltages and decreasing high voltages to maintain a safe voltage level without switching to battery-mode. This conserves battery life, and delivers cleaner AC power to connected equipment.

Technical Support: CyberPower assists users with any product, installation, or warranty concerns—free of charge.

Energy-Saving Technology: Patented GreenPower UPS™ advanced bypass circuitry reduces UPS energy consumption by up to 75% compared to competitive models. This unique design also reduces the amount of heat generated by the UPS.

Ultra-Quiet UPS: Advanced efficiency design (reduced fan operation), high-end system components, and GreenPower UPS technology help minimize sound emissions.

Tamper-proof Power Button: The Power button has been specifically designed to minimize the chance the UPS can be turned off or interfered with by accident.

EMI/RFI Filters: Filters against electromagnetic interference and radio frequency interference ensuring clean power for connected equipment.

Audible Alarms: Distinctive tones identify when the unit is running on battery power, if it is overloaded, or when the battery is low.

3-Year Warranty: Stringent manufacturing processes and innovative product design enables CyberPower to offer one of the strongest warranties in our industry. CyberPower will repair or replace damaged units within three (3) years of purchase date.

ISO & Safety Certifications: All CyberPower manufacturing facilities are state-of-the-art and ISO-9001 Quality Tested. Our products are certified by the FCC, cUL, and UL.

Windows Compatibility: Our PowerPanel® power management software has been fully tested and is compatible with Windows 2000, 2003, XP 32/64, Vista 32/64, 7, and Server 2008.



CyberPower's patented GreenPower UPS™ technology reduces UPS energy costs up to 75%! Save money and help reduce carbon emissions.

PR1000LCD SPECIFICATIONS

GENERAL	
UPS Topology	Line-Interactive (AVR)
Energy Saving	GreenPower UPS™ Bypass Technology
Active PFC Compatible	Yes
INPUT	
Voltage	120V
Automatic Voltage Regulation	Yes
Voltage Range	75Vac – 154Vac
Frequency	47Hz - 63Hz (auto-sensing)
Plug Type	NEMA 5-15P
Plug Style	Right angle, 45-degree, offset right
Cord Length	6'
OUTPUT	
VA	1000
Watts	700
On Battery Voltage	120Vac +/- 5%
On Battery Frequency	50/60Hz +/- 1%
On Battery Waveform	Sine Wave
Outlets - Total	8
Outlet Type	NEMA 5-15R
Outlets - Battery & Surge Protected	8
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	4ms – 8ms

BATTERY	
Runtime at Half Load (min.)	24.5
Runtime at Full Load (min.)	7
Battery Type	Sealed lead acid
Battery Size	12V/12AH
User Replaceable	Yes
Hot Swappable	No
Typical Recharge Time	8 Hours
Replacement Battery	RB12120X2A
Battery Quantity	2
SURGE PROTECTION & FILTERING	
Surge Suppression	1,030 Joules
MANAGEMENT & COMMUNICATIONS	
LCD Control Panel	The LCD Control Panel enables users to check 41 different settings or status options via the UPS Status menu, UPS Setup & Control menu, and run Testing/ Battery Calibration menus.
Removable LCD Control Panel	Yes - Standard with 4.5ft. Cable
HID Compliant USB Port	Yes
Serial Port	Yes
Management	USB Cable, Serial Cable, EPO Cable
LED Indicators	Power on, On-Line, On-Battery, Wiring fault, Replace Battery

MANAGEMENT & COMMUNICATIONS (CONT.)	
Audible Alarms	On battery, low battery, overload, fault
Software	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD202
Emergency Power Off (EPO) Port	Yes
PHYSICAL	
Form Factor	Tower
Dimensions (WxHxD)	6.7" x 8.7" x 17"
Weight (lbs.)	44
ENVIRONMENTAL	
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	0% – 90% non-condensing
CERTIFICATIONS	
Certifications	UL1778, cUL 107.3, FCC DOC Class A
RoHS Compliant	RoHS Compliant
WARRANTY	
Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	\$375,000

