



# PR500LCDRT1U

## SMART APP SINEWAVE UPS



Protect corporate and network servers, telecom installations, and Voice Over Internet Protocol (VoIP) systems.

A rack/tower convertible UPS with line interactive topology, the CyberPower Smart App Sinewave PR500LCDRT1U provides battery backup, power protection (using sine wave output), and surge protection for corporate servers, department servers, storage appliances, network devices, and telecom installations requiring Active PFC power source compatibility. The PR500LCDRT1U 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 PR500LCDRT1U comes with a three-year warranty (including coverage of batteries) and a \$400,000 Connected Equipment Guarantee.

### TYPICAL APPLICATIONS

- Department Servers
- Storage Devices
- VoIP Installations
- Automatic Voltage Regulation
- Network Devices
- Corporate Servers
- Telecom Installations

### FEATURES

- Capacity: 500 VA / 400 W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 120 VAC +/- 5%
- Runtime (half/full): 12 minutes / 3 minutes
- Plug type & cord: NEMA 5-15P, 10-ft. cord
- Outlet type: NEMA 5-15R
- Outlets: 7 (6 surge + battery backup; 1 surge)
- Communication: USB, Serial, SNMP, Relay, EPO
- Management software: PowerPanel® Business Edition
- Cisco compatible: Yes
- Remote management: Yes
- Environmental sensor: Yes, with optional RMCARD205
- EMI/RFI filters: Yes
- ENERGY STAR® qualified: Yes
- GreenPower UPS™: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$400,000

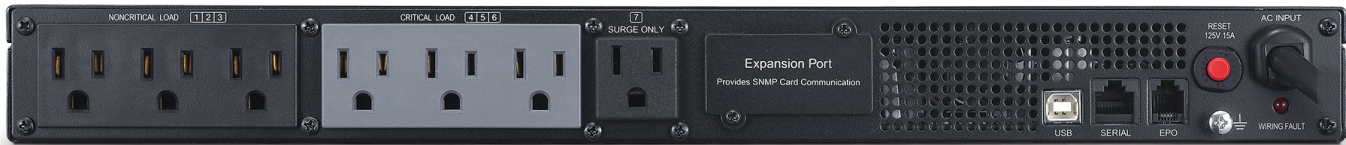
## SPECIFICATIONS

GENERAL	
Active PFC Compatible	Yes
Energy Saving	GreenPower UPS™ Bypass Technology
UPS Topology	Line Interactive

INPUT	
Circuit Breaker	15 A
Cord Length	10 ft. (3.0 m)
Input Frequency Range	57 Hz - 63 Hz
Input Plug Type	NEMA 5-15 P
Input Voltage Range	80 - 150 VAC
Nominal Input Voltage	120 VAC
Plug Style	Right Angle, 45° Offset

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SPECIFICATIONS - CONT.

OUPUT	
Automatic Voltage Regulation	Double Boost, Single Buck
On Battery Frequency	60 Hz +/- 1%
On Battery Voltage	120 VAC +/- 5%
On Battery Waveform	Sine Wave
Outlet Type	NEMA 5-15 R
Outlets - Battery & Surge Protected	6
Outlets - Critical Load	3
Outlets - Surge Only Protected	1
Outlets - Total	7
Output Power Factor	0.8
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected
Typical Transfer Time	10 ms
Under/Over-Voltage Correction	+30% / +14% / -12%
VA	500 VA
Watts	400 W
BATTERY	
Battery Quantity	2
Battery Size	6 V / 9 Ah
Battery Type	Sealed Lead-Acid
Hot-Swappable	Yes
Replacement Battery Cartridge	1 x RB0690X2A
Runtime at Full Load	3 min.
Runtime at Half Load	12 min.
Typical Recharge Time	6 Hours (0% to 90% charged)
User-Replaceable Battery	Yes

SURGE PROTECTION & FILTERING	
EMI/RFI Filtration	Yes
Surge Suppression	1030 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode / Low Battery Overload
Emergency Power Off (EPO) Port	Yes
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On / Wiring Fault
Management Cable	USB Cable, Serial Cable, EPO Cable
Serial Port	1 Serial
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205
Software (Free Download)	PowerPanel® Business
PHYSICAL	
Color	Black
Form Factor	Rack/Tower
Material of Construction	Metal
Rack Height	1U

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SPECIFICATIONS - CONT.

DIMENSIONS	
Dimensions - Width/Height/Depth (cm)	43.82 x 4.45 x 24.13 cm
Dimensions - Width/Height/Depth (mm)	438 x 44 x 241 mm
Dimensions - Width/Height/Depth (in.)	17.25 x 1.75 x 9.5 in
Weight (kg)	8.98 kg
Weight (lbs.)	19.8 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	33.66 x 15.24 x 52.07 cm
Shipping Dimensions - Width/Height/Depth (mm)	336.55 x 152.4 x 520.7 mm
Shipping Dimensions - Width/Height/Depth (in.)	13.25 x 6.0 x 20.5 in
Shipping Weight (kg)	11.88 kg
Shipping Weight (lbs.)	26.2 lbs.

ENVIRONMENTAL	
AC Mode Thermal Dissipation	27 BTU/hr
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 Temperature	5 - 113 °F (-15 - 45 °C)
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778
WARRANTY	
CEG Amount	\$400,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U1B
Product Warranty	3-Year Limited