



## PR500LCDRT1U Smart App Sinewave UPS

Cost-effective feature-rich power protection for networking, servers and telecommunications equipment.

The CyberPower Smart App Sinewave PR500LCDRT1U uninterruptible power supply (UPS) with LCD panel and pure sine wave output is Active PFC compatible for safeguarding mission-critical servers, telecom equipment, and VoIP and internetworking hardware that require seamless pure sine wave power.

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

This UPS system is ENERGY STAR® qualified with patented GreenPower UPS™ Bypass circuitry to save on energy costs by reducing energy consumption and heat buildup.

A Three-Year Warranty ensures that this UPS has passed our highest quality standards in design, assembly, material or workmanship and further protection is offered by a \$400,000 Connected Equipment Guarantee.

### Typical Applications

- Servers
- Workstations
- Network Devices
- Telecom Equipment

### Features

- 500VA / 400W
- Line-Interactive Topology
- Full AVR Buck/Boost
- GreenPower UPS™
- 1U Rack Mount/Tower Convertible
- Multifunction LCD Panel
- SNMP/HTTP Remote Management
- 7 Outlets / USB, Serial, and EPO Ports
- EMI/RFI Filters
- PowerPanel® Business Software
- 3-Year Warranty

# PR500LCDRT1U Smart App Sinewave UPS

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GENERAL	
UPS Topology	Line-Interactive
Energy Saving	GreenPower UPS™ Bypass Technology
ENERGY STAR® Qualified	Yes
Active PFC Compatible	Yes
INPUT	
Voltage	Nominal 120V
Frequency	57Hz - 63Hz ± 1%
Input Voltage Range	80Vac - 150Vac
Plug Type	NEMA 5-15P
Plug Style	Right Angle, 45 Degree Offset Right
Cord Length	10'
OUTPUT	
VA	500
Watts	400
Automatic Voltage Regulation	Boost 1 +30%-Boost 2 +14% / Buck -12%
On Battery Voltage	120Vac ± 5%
On Battery Frequency	60Hz ± 1%
On Battery Waveform	Sine Wave
Outlet Type	NEMA 5-15R
Outlets - Total	7
Outlets - Critical Load	3
Outlets - Battery & Surge Protected	6
Outlets - Surge-Only Protected	1
Rated Power Factor	0.8
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	10ms
BATTERY	
Runtime at Half Load (min)	12
Runtime at Full Load (min)	3
Battery Type	Sealed Lead-Acid
Battery Size	6V/9AH
Hot-Swappable	Yes
Battery Quantity	2
User Replaceable	Yes
Typical Recharge Time	Less than 6 Hours (90% charged)
SURGE PROTECTION & FILTERING	
Surge Suppression	1,030 Joules
EMI/RFI Filtration	Yes

MANAGEMENT & COMMUNICATIONS	
Multifunction LCD Panel	Load/Current Level, Runtime, Battery Level, Temperature (F & C), Battery In Use, Input Voltage, Output Voltage, Output Frequency, Overload, Wiring Fault, Battery Shutdown Voltage, Static Frequency Tolerance, Slew Rate, Silent Mode, Normal Mode
HID Compliant USB Port	Yes
Serial Port	Yes
Emergency Power Off (EPO) Port	Yes
Contact Closure	No
Management Cable	USB Cable, Serial Cable, EPO Cable
LED Indicators	Power On, Wiring Fault
Audible Alarms	On Battery, Low Battery, Overload
Software	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD202 or RMCARD302
PHYSICAL	
Rack Size	1U
Form Factor	Rack/Tower
Dimensions (WxHxD) (in.)	17.25 x 1.75 x 9.5
Weight (lbs.)	19.8
Shipping Dimensions (WxHxD) (in.)	20.8 x 6.2 x 13.2
Shipping Weight (lbs.)	25.3
ENVIRONMENTAL	
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	0% - 95% non-condensing
Storage Temperature	5°F to 113°F / -15°C to 45 °C
Maximum Operating Elevation	10,000 ft / 3,000 m
Maximum Storage Elevation	50,000 ft / 15,000 m
AC Mode Thermal Dissipation	31 BTU/Hr
CERTIFICATIONS	
Safety	UL1778, CSA C22.2 NO.107.3-05, FCC DOC Class A
Environmental	RoHS Compliant
WARRANTY	
Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	\$400,000