CyberPower

PR2000RTXL2UCN SMART APP SINEWAVE UPS

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

The PR2000RTXL2UCN is a Smart App Sinewave rack/tower convertible UPS with line-interactive topology, surge protection, and battery backup. CyberPower's Smart App Sinewave series has sine wave output to eliminate power gaps that can be detected by sensitive equipment and cause unexpected shutdowns.

The Smart App Sinewave PR2000RTXL2UCN improves battery life through battery equalization technology and Automatic Voltage Regulation (AVR), which corrects minor power fluctuations without switching to battery power. The enhanced chassis design with an easy-to-access toolless front panel, captive screws for battery panel access, and color-coded rear panel make battery changes and installations simple and fast. The PR2000RTXL2UCN also has an innovative LCD panel that rotates 90°, tilts for a better viewing angle, and provides information on 47 different settings including UPS stats, UPS setup and control management, and testing options.

This model accepts the BP48VP2U02 Extended Battery Module (EBM) for expanded runtime during power outages and includes pre-installed RMCARD205 network management card for remote management and control via a standard web browser or network management system. Built-in Cloud Monitoring.

With a $400,000 connected equipment guarantee and a three-year warranty, you can trust CyberPower's commitment to the quality of the PR2000RTXL2UCN.

TYPICAL APPLICATIONS

- Department Servers
- Storage Devices
- VoIP Installations
- Network Devices
- Corporate Servers
- Telecom Installations

FEATURES

- Capacity: 2000 VA / 2000 W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 100-125 VAC +/- 5%
- Runtime (half/full): 12.2 minutes / 4.3 minutes
- Plug type & cord: NEMA 5-20P, 10 ft. cord
- Outlets: 8 surge + battery backup
- Outlet types: 8 × NEMA 5-20R
- Communication: USB, Serial, SNMP, Relay, EPO
- Management software: PowerPanel® Business Edition
- Remote management: Yes, pre-installed RMCARD205 and Built-in Cloud Monitoring
- Warranty: 3-year
- Connected Equipment Guarantee: $400,000
- ENERGY STAR® certified: Yes

SPECIFICATIONS

GENERAL	
Active PFC Compatible	Yes
Energy Saving	GreenPower UPS™ Bypass Technology
ENERGY STAR® Certified	Yes
UPS Topology	Line Interactive
INPUT	
Adjustable Voltage Range	70 - 155 VAC
Circuit Breaker	20A

INPUT - CONT.	
Cord Length	10 ft. (3.0 m)
Input Frequency Range	47 Hz - 63 Hz
Input Plug Type	NEMA 5-20 P
Input Voltage	100 - 125 VAC
Input Voltage Range	75 - 149 VAC
Nominal Input Voltage	120 VAC
Plug Style	Right Angle, 0° Offset

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SPECIFICATIONS - CONT.

OUPUT	
Automatic Voltage Regulation	Double Boost, Single Buck
On Battery Frequency	50 Hz - 60 Hz +/- 1%
On Battery Voltage	100/110/120/125 VAC +/- 5%
On Battery Waveform	Sine Wave
Outlet Type	NEMA 5-15 R
Outlets - Battery & Surge Protected	8
Outlets - Critical Load	4
Outlets - Total	8
Output Power Factor	1
Overload Protection	On Battery: Internal Circuitry Limiting On Utility: Circuit Breaker
Typical Transfer Time	4ms
VA	2000 VA
Watts	2000 W

BATTERY	
Battery Quantity	4
Battery Size	12 V / 9 Ah
Battery Type	Sealed Lead-Acid
Extended Battery Module	BP48VP2U02
Hot-Swappable	Yes
Replacement Battery Cartridge	RB1290X4J
Runtime at Full Load	4.3 min.
Runtime at Half Load	12.2 min.
Typical Recharge Time	3 Hours
User-Replaceable Battery	Yes

SURGE PROTECTION & FILTERING	
EMI/RFI Filtration	Yes
Surge Suppression	2430 J

MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode Low Battery Overload Overcharge Fault
Emergency Power Off (EPO) Port	Yes
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On Line Mode Battery Mode Fault
Management Cable	USB Cable EPO Cable
Serial Port	1 Serial 1 Dry Contact
SNMP / HTTP Remote Monitoring	Yes - RMCARD205 pre-installed
Software (Free Download)	PowerPanel® Business

PHYSICAL	
Color	Black
Form Factor	Rack/Tower
Material of Construction	Metal
Rack Height	2U

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SPECIFICATIONS - CONT.

DIMENSIONS

Dimensions - Width/Height/Depth (cm)	43.43 x 8.64 x 50.04 cm
Dimensions - Width/Height/Depth (mm)	434 x 86 x 500 mm
Dimensions - Width/Height/Depth (in.)	17.1 x 3.4 x 19.7 in
Weight (kg)	33.79 kg
Weight (lbs.)	74.5 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - Width/Height/Depth (cm)	55.88 x 26.67 x 60.96 cm
Shipping Dimensions - Width/Height/Depth (mm)	558.8 x 266.7 x 609.6 mm
Shipping Dimensions - Width/Height/Depth (in.)	22 x 10.5 x 24 in
Shipping Weight (kg)	40.23 kg
Shipping Weight (lbs.)	88.7 lbs.

ENVIRONMENTAL

Audible noise at 1m from surface of unit	57.5 dBA
Online Thermal Dissipation	130 BTU/hr
Operating Elevation	0 - 9,843 ft (0 - 3,000 m)
Operating Relative Humidity	0 - 95 % (non-condensing)
Operating Temperature	32 - 104 °F (0 - 40 °C)
Storage Elevation	0 - 49,213 ft (0 - 14,999 m)
Storage Relative Humidity	0 - 95 % (non-condensing)
Storage Temperature	5 - 113 °F (-15 - 45 °C)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	UL1778 CSA C22.2 No 107.3 FCC Class B VCCI

WARRANTY

CEG Amount	$400,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U4B
Product Warranty	3-Year Limited