



PR5000RTXL2UC SMART APP SINEWAVE UPS



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

The PR5000RTXL2UC is a Smart App Sinewave rack/tower convertible UPS with line-interactive topology, surge protection, and battery backup. CyberPower's Smart App Sinewave series creates a sine wave output devoid of power gaps which could cause unexpected shutdowns of sensitive equipment.

The Smart App Sinewave PR5000RTXL2UC 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 PR5000RTXL2UC 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 BP48VP2U04 Extended Battery Module (EBM) for expanded runtime during power outages and the optional RMCARD205 network management card for remote management and control via a standard web browser or network management system. Includes 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 PR5000RTXL2UC.

TYPICAL APPLICATIONS

- Automatic Voltage Regulation
- Corporate Servers
- Department Servers
- Data Centers
- Edge Closets
- Enterprise Servers
- Hyperconverged Infrastructure (HCI)
- IT Closets
- Network and Storage Devices
- Rack Installations
- Server Rooms

FEATURES

- Capacity: 5000 VA / 5000 W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 200-240 VAC +/- 5%
- Runtime (half/full): 8.3 minutes / 1.7 minutes
- Plug type & cord: Hardwire Terminal (L6-30P Power Cord Included)
- Outlet types: 2 x 6-20R; 1 x L6-20R; 1 x L6-30R
- Communication: USB, Serial, SNMP, Relay, EPO, Cloud
- Management software: PowerPanel® Business
- Remote management: Preinstalled RMCARD205
- Warranty: Three-Year
- Connected Equipment Guarantee: \$400,000

PR5000RTXL2UC

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SPECIFICATIONS

GENERAL	
Active PFC Compatible	Yes
Energy Saving	GreenPower UPS™ Bypass Technology
UPS Topology	Line Interactive
INPUT	
Adjustable Voltage Range	131 - 302 VAC
Cold Start	Yes
Cord Length	10 ft (3.0 m)
Input Frequency Range	50 Hz - 60 Hz
Input Plug Type	Hardwire Terminal (NEMA L6-30P power cord included)
Input Voltage	200 - 240 VAC
Input Voltage Range	148 VAC - 254 VAC 160 VAC - 288 VAC
Phase	Single Phase
Plug Style	Hardwire Terminal (NEMA L6-30P power cord included)
OUPUT	
Automatic Voltage Regulation	Double Boost, Single Boost
On Battery Frequency	50/60 Hz +/- 1%
On Battery Voltage	200/208/220/230/240 VAC +/- 5%
On Battery Waveform	Sine Wave
Outlet Type	2 x NEMA 6-20R 1 x NEMA L6-20R 1 x NEMA L6-30R
Outlets - Critical Load	1
Outlets - Total	4
Output Power Factor	1

OUPUT - CONT.	
Output Voltage	200 - 240 VAC
Overload Protection	On Battery: Internal Circuitry Limiting On Utility: Circuit Breaker Protected
Typical Transfer Time	4 ms
VA by Input Type	5,000 (5 kVA) →w/ Hardwire Terminal 4,500 (4.5 kVA) - 200VAC →w/ Power cord 4,850 (4.85 kVA) - 208VAC →w/ Power cord 5,000 (5 kVA) - 220VAC →w/ Power cord 5,000 (5 kVA) - 230VAC →w/ Power cord 5,000 (5 kVA) - 240VAC →w/ Power cord
Watts by Input Type	5,000 (5 kW) →w/ Hardwire Terminal 4,500 (4.5 kW) - 200VAC →w/ Power cord 4,850 (4.85 kW) - 208VAC →w/ Power cord 5,000 (5 kW) - 220VAC →w/ Power cord 5,000 (5 kW) - 230VAC →w/ Power cord 5,000 (5 kW) - 240VAC →w/ Power cord

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SPECIFICATIONS - CONT.

BATTERY	
Battery Quantity	8
Battery Size	12 V / 9 Ah
Battery Type	Sealed Lead-Acid
Extended Battery Module	BP48VP2U04
Hot-Swappable	Yes
Replacement Battery Cartridge	2 x RB1290X4J
Runtime at Full Load	1.7 min.
Runtime at Half Load	8.3 min.
Typical Recharge Time	3 Hours (0% to 90% charged)
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
Dry Contacts	Yes
Emergency Power Off (EPO) Port	Yes
Expansion Slot	Yes - RMCARD205 pre-installed
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On / Line Mode Battery Mode / Fault
Management Cable	USB Cable, EPO Cable
Rotatable LCD Control Panel Option	Yes
Serial Port	1 RS232
SNMP / HTTP Remote Monitoring	Yes - RMCARD205 pre-installed Yes - with built-in RJ45 ethernet connection cloud port
Software (Free Download)	PowerPanel® Business
Upgradeable Firmware	Yes



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SPECIFICATIONS - CONT.

PHYSICAL	
Color	Black
Form Factor	Rack/Tower
Material of Construction	Metal
Mounting Hardware	Yes
Rack Height	2U
DIMENSIONS	
Dimensions - Width/Height/Depth (cm)	43.43 x 8.64 x 62.99 cm
Dimensions - Width/Height/Depth (mm)	434 x 86 x 630 mm
Dimensions - Width/Height/Depth (in.)	17.1 x 3.4 x 24.8 in
Weight (kg)	47.26 kg
Weight (lbs.)	104.2 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	83.82 x 26.67 x 57.15 cm
Shipping Dimensions - Width/Height/Depth (mm)	838.2 x 266.7 x 571.5 mm
Shipping Dimensions - Width/Height/Depth (in.)	33 x 10.5 x 22.5 in
Shipping Weight (kg)	54.57 kg
Shipping Weight (lbs.)	120.3 lbs.

ENVIRONMENTAL	
AC Mode Thermal Dissipation	230.7 BTU/hr
Audible noise at 1m from surface of unit	38.5 dBA to 68.5 dBA (0% to 100% load)
On Battery Thermal Dissipation	4478.8 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	CE UL1778 CSA C22.2 No 107.3 FCC Class A VCCI
WARRANTY	
CEG Amount	\$400,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U20A
Product Warranty	3-Year Limited