



PR2000RT2UC SMART APP SINEWAVE UPS



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

The PR2000RT2UC 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 PR2000RT2UC 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 PR2000RT2UC 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 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 PR2000RT2UC.

TYPICAL APPLICATIONS

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

FEATURES

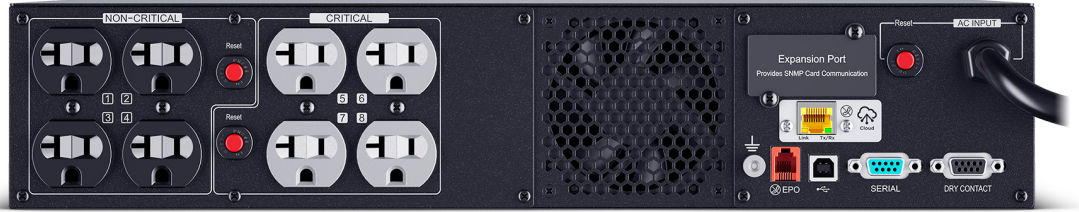
- Capacity: 2000 VA / 2000 W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 100-125 VAC +/- 5%
- Runtime (half/full): 13.5 minutes / 4.5 minutes
- Plug type & cord: NEMA 5-20P, 10 ft. cord
- Outlets: 8 surge + battery backup
- Outlet types: 8 x NEMA 5-20R
- Communication: USB, Serial, SNMP, Cloud, Relay, EPO
- Management software: PowerPanel® Business Edition
- Remote management: Yes, with optional RMCARD205. Includes Built-in Cloud Monitoring
- Warranty: 3-Year Limited
- Connected Equipment Guarantee: \$400,000
- ENERGY STAR® Qualified: 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 | 20 A |

| INPUT - CONT. | |
|-----------------------|-------------------------|
| Cord Length | 10 ft. (3.0 m) |
| Input Frequency Range | 47 Hz - 63 Hz |
| Input Plug Type | NEMA 5-15 P |
| Input Voltage | 100 - 125 VAC |
| Input Voltage Range | 75 - 149 VAC |
| Nominal Input Voltage | 120 VAC |
| Plug Style | Right Angle, 45° Offset |

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SPECIFICATIONS - CONT.

| OUTPUT | | MANAGEMENT & COMMUNICATIONS | |
|-------------------------------------|--|--------------------------------|--|
| Automatic Voltage Regulation | Double Boost, Single Buck | Audible Alarms | Battery Mode Low Battery Overload Overcharge Overheat |
| On Battery Frequency | 50 Hz - 60 Hz +/- 1% | Emergency Power Off (EPO) Port | Yes |
| On Battery Voltage | 100/110/120/125 VAC +/- 5% | HID Compliant USB Port | Yes |
| On Battery Waveform | Sine Wave | LCD | Multifunction LCD |
| Outlet Type | NEMA 5-15 R | LED Indicators | Power On Line Mode Battery Mode Fault Night Mode Wiring Fault |
| Outlets - Battery & Surge Protected | 8 | Management Cable | USB Cable Serial Cable EPO Cable |
| Outlets - Critical Load | 4 | Serial Port | 1 Serial 1 Dry Contact |
| Outlets - Total | 8 | SNMP / HTTP Remote Monitoring | Yes - with optional RMCARD205 |
| Output Power Factor | 1 | Software (Free Download) | PowerPanel® Business |
| Overload Protection | Internal Circuitry Limiting Circuit Breaker Protected | PHYSICAL | |
| Typical Transfer Time | 4ms | Color | Black |
| VA | 2000 VA | Form Factor | Rack/Tower |
| Watts | 2000 W | Material of Construction | Metal |
| BATTERY | | Rack Height | 2U |
| Battery Quantity | 4 | | |
| Battery Size | 12 V / 9 Ah | | |
| Battery Type | Sealed Lead-Acid | | |
| Hot-Swappable | Yes | | |
| Replacement Battery Cartridge | RB1290X4J | | |
| Runtime at Full Load | 4.5 min. | | |
| Runtime at Half Load | 13.5 min. | | |
| Typical Recharge Time | 3 Hours | | |
| User-Replaceable Battery | Yes | | |
| SURGE PROTECTION & FILTERING | | | |
| EMI/RFI Filtration | Yes | | |
| Surge Suppression | 2430 J | | |

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SPECIFICATIONS CONT.

| DIMENSIONS | |
|--|--|
| Dimensions - Width/Height/Depth (cm) | 43.43 x 8.64 x 41.15 cm |
| Dimensions - Width/Height/Depth (mm) | 434 x 86 x 411 mm |
| Dimensions - Width/Height/Depth (in.) | 17.1 x 3.4 x 16.2 in |
| Weight (kg) | 27.12 kg |
| Weight (lbs.) | 59.80 lbs. |
| SHIPPING DIMENSIONS | |
| Shipping Dimensions - Width/Height/Depth (cm) | 56.13 x 27.43 x 53.09 cm |
| Shipping Dimensions - Width/Height/Depth (mm) | 561.34 x 274.32 x 530.86 mm |
| Shipping Dimensions - Width/Height/Depth (in.) | 22.1 x 10.8 x 20.9 in |
| Shipping Weight (kg) | 30.71 kg |
| Shipping Weight (lbs.) | 67.70 lbs. |
| ENVIRONMENTAL | |
| Audible noise at 1m from surface of unit | 52.5 dBA |
| Online Thermal Dissipation | 124.5 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 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 |

