



PR1000LCDRT1U 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 PR1000LCDRT1U 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 PR1000LCDRT1U 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 PR1000LCDRT1U comes with a three-year warranty 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: 1000 VA / 800 W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 120 VAC +/- 5%
- Runtime (half/full): 13 minutes / 3.5 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 Voltage Range | 80 VAC - 150 VAC |
| Input Plug Type | NEMA 5-15 P |
| Nominal Input Voltage | 120 VAC |
| Plug Style | Right Angle, 45° Offset |

PR1000LCDRT1U

SMART APP SINEWAVE UPS



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 | 1000 VA |
| Watts | 800 W |
| BATTERY | |
| Battery Quantity | 4 |
| Battery Size | 6 V / 9 Ah |
| Battery Type | Sealed Lead-Acid |
| Hot-Swappable | Yes |
| Replacement Battery Cartridge | 1 x RB0690X4B |
| Runtime at Full Load | 3.5 min. |
| Runtime at Half Load | 13 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 |

PR1000LCDRT1U

SMART APP SINEWAVE UPS

SPECIFICATIONS - CONT.

| DIMENSIONS | |
|--|---------------------------|
| Dimensions - Width/Height/Depth (cm) | 43.82 x 4.45 x 40.13 cm |
| Dimensions - Width/Height/Depth (mm) | 438 x 44 x 401 mm |
| Dimensions - Width/Height/Depth (in.) | 17.25 x 1.75 x 15.8 in |
| Weight (kg) | 16.28 kg |
| Weight (lbs.) | 35.9 lbs. |
| SHIPPING DIMENSIONS | |
| Shipping Dimensions - Width/Height/Depth (cm) | 49.53 x 15.24 x 52.71 cm |
| Shipping Dimensions - Width/Height/Depth (mm) | 495.3 x 152.4 x 527.05 mm |
| Shipping Dimensions - Width/Height/Depth (in.) | 19.5 x 6.0 x 20.75 in |
| Shipping Weight (kg) | 19.28 kg |
| Shipping Weight (lbs.) | 42.5 lbs. |

| ENVIRONMENTAL | |
|-------------------------------|------------------------------|
| AC Mode Thermal Dissipation | 67.7 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 4th Ed. |
| WARRANTY | |
| CEG Amount | \$400,000 |
| Connected Equipment Guarantee | Lifetime |
| Extended Warranty Option | WEXT5YR-U2A |
| Product Warranty | 3-Year Limited |