



# PR1000ELCDRT2U SMART APP SINEWAVE UPS



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

A high-voltage rack/tower convertible UPS with line interactive topology and an adjustable output of either 220, 230 or 240 VAC, the CyberPower Smart App Sinewave PR1000ELCDRT2U 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 PR1000ELCDRT2U 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 PR1000ELCDRT2U comes with 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 / 900 W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 220/230/240 VAC +/- 5%
- Runtime (half/full): 22 minutes / 7 minutes
- Plug type & cord: IEC320 C14 6-ft. cord
- Outlets: 8 surge + battery backup
- Outlet types: 8 x IEC320 C13
- Communication: USB, Serial, SNMP, Relay, EPO
- Data line protection: Telephone, Network, Coaxial
- Management software: PowerPanel® Business Edition
- Cisco compatible: Yes
- Remote management: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$400,000
- ENERGY STAR® qualified: Yes

## SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ Bypass Technology
UPS Topology	Line Interactive

INPUT	
Adjustable Voltage Range	150 - 300 VAC
Circuit Breaker	15 A
Cord Length	6 ft (1.8 m)
Input Frequency Range	47 Hz - 63 Hz
Input Plug Type	IEC-320 C14
Input Voltage Range	160 VAC - 288 VAC
Nominal Input Voltage	230 VAC

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SPECIFICATIONS - CONT.

OUPUT	
Automatic Voltage Regulation	Double Boost, Single Buck
On Battery Frequency	50/60 Hz +/- 0.1 Hz
On Battery Voltage	220/230/240 VAC +/- 5%
On Battery Waveform	Sine Wave
Outlet Type	IEC-320 C13
Outlets - Battery & Surge Protected	8
Outlets - Critical Load	2
Outlets - Total	2
Output Power Factor	0.9
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected
Typical Transfer Time	4 ms
VA	1000 VA
Watts	900 W
BATTERY	
Battery Quantity	4
Battery Size	6 V / 9 Ah
Battery Type	Sealed Lead-Acid
Hot-Swappable	Yes
Replacement Battery Cartridge	1 x RB0690X4A
Runtime at Full Load	5 min.
Runtime at Half Load	14 min.
Typical Recharge Time	8 Hours
User-Replaceable Battery	Yes

SURGE PROTECTION & FILTERING	
EMI/RFI Filtration	Yes
Phone / Network Protection RJ11/RJ45	1-In / 1-Out (Combo)
Surge Suppression	810 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
Management Cable	USB Cable, Serial Cable
Serial Port	1 Serial / 1 Dry Contact
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	2U

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SPECIFICATIONS - CONT.

DIMENSIONS	
Dimensions - Width/Height/Depth (cm)	43.31 x 8.79 x 40.01 cm
Dimensions - Width/Height/Depth (mm)	433 x 88 x 400 mm
Dimensions - Width/Height/Depth (in.)	17.05 x 3.46 x 15.75 in
Weight (kg)	25.49 kg
Weight (lbs.)	56.2 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	52.4 x 29.21 x 54.61 cm
Shipping Dimensions - Width/Height/Depth (mm)	524.0 x 292.1 x 546.1 mm
Shipping Dimensions - Width/Height/Depth (in.)	20.63 x 11.5 x 21.5 in
Shipping Weight (kg)	29.2 kg
Shipping Weight (lbs.)	64.4 lbs.

ENVIRONMENTAL	
Audible noise at 1.5M from surface of unit	34.5 dBA
AC Mode Thermal Dissipation	51.2 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	CE
WARRANTY	
CEG Amount	\$400,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U4A
Product Warranty	3-Year Limited