PR2200ELCDRTXL2U UPS
Advanced power protection for servers, telecom equipment, VOIP, internet working hardware and other mission critical applications.

A convertible rack/tower UPS with line interactive topology and an adjustable output of 220, 230 or 240 VAC, the CyberPower Smart App Sinewave PR2200ELCDRTXL2U provides battery backup, power protection with true 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 PR2200ELCDRTXL2U uses Automatic Voltage Regulation (AVR) to correct minor power fluctuations without switching to battery power, which extends battery life. AVR is essential where power fluctuations occur frequently. Optional extended runtime (XL) battery packs allow greater workflow flexibility. The PR2200ELCDRTXL2U comes with a three-year warranty and a $400,000 Connected Equipment Guarantee.

Typical Applications
• Corporate Servers
• Department Servers
• Storage Applications
• Network Devices
• Telecom Installations

Features
• 2200VA / 1650W Sine Wave UPS
• Configurable 220/230/240VAC input/output
• True Sine Wave Output
• Line Interactive Topology
• Full AVR Buck/Boost and GreenPower UPS™
• EMI, RFI, Surge and Spike Protection
• 2U Rack Mount / Tower Convertible
• Multifunction Rotatable LCD
• SNMP/HTTP Remote Management Option
• 10 Outlets / USB, Serial, and EPO Ports
• PowerPanel® Business Edition Software
### SPECIFICATIONS

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<th>Model Number</th>
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**GENERAL**

- UPS Topology: Line-Interactive
- Energy Saving: GreenPower UPS™ Bypass Technology
- ENERGY STAR Compliant: Yes

**INPUT**

- Voltage: 220/230/240Vac
- Input Voltage Range: 160Vac – 288Vac
- Adjustable Voltage Range: 150Vac – 300Vac
- Input Frequency Range: 50/60Hz ±0.1Hz
- Cord Length: 10 ft (3.04 m)
- Plug Type: Schuko

**OUTPUT**

- VA: 2200
- Watts: 1650
- On Battery Waveform: Sine Wave
- On Battery Voltage: 220/230/240Vac ±5%
- Automatic Voltage Regulation (AVR): Double Boost, Single Buck
- On Battery Frequency: 50/60Hz ±0.1%
- Overload Protection: Circuit Breaker / Internal Circuitry Limiting
- Outlets — Total: 10
- Outlet Type: (1) IEC320 C19, (9) IEC320 C13
- Outlets — Battery & Surge Protected: 10
- Outlets — Critical Load: 4
- Outlets — Non-Critical Load (NCL): 6
- Transfer Time: 4ms

**BATTERY**

- Runtime at Half Load (min): 13
- Runtime at Full Load (min): 5
- Battery Type: Sealed Lead-Acid
- Battery Size: 12V/9AH
- Battery Quantity: 4
- User Replaceable: Yes
- Hot-Swappable: Yes
- Typical Recharge Time: 6 Hours
- Extended Battery Module: BP48V75ART2U
- Replacement Battery Pack: RBP0040
- Replacement Battery Pack Quantity: 1

**PROTECTION**

- Surge Suppression: 810 Joules
- Phone Protection RJ11: 1-in/1-out
- Phone / Network Protection RJ1/RJ45: 1-in/1-out
- EMI/RFI Filtration: Yes

**MANAGEMENT & COMMUNICATIONS**

- LCD Control Panel: Yes
- Multifunction LCD Diagnostic Display: Input Voltage, Output Voltage, Est. Run Time, Normal, Battery, AVR, Silent, Overload, Fault, Load Capacity
- HID Compliant USB Port: Yes
- Serial Port: Yes
- Emergency Power Off (EPO) Port: Yes
- Dry Contacts: Yes
- Management Cable: Yes
- LED Indicators: Power On
- Audible Alarms: On Battery, Low Battery, Overload
- SNMP / HTTP Remote Monitoring: Yes, with optional RMCARD202, RMCARD203 or RMCARD205

**PHYSICAL**

- Form Factor: Rackmount
- Dimensions (WxHxD) (in): 17.05 x 3.46 x 18.9
- Dimensions (WxHxD) (mm): 433.1 x 87.9 x 480.0
- Weight: 77 lb (34.9 kg)
- Shipping Dimensions (WxHxD) (in): 23.43 x 10.83 x 21.46
- Shipping Dimensions (WxHxD) (mm): 595.1 x 275.1 x 545.1
- Shipping Weight (lbs): 92.8 lb (42.1 kg)

**ENVIRONMENTAL**

- Operating Temperature: +32°F to +104°F / 0°C to +40°C
- Operating Humidity: 0% - 95% non-condensing
- Operating Elevation: 0-10000 ft (0-3000 m)
- Storage Temperature: +5°F to +113°F / -15°C to +45°C
- Storage Relative Humidity: 0 - 95%
- Storage Elevation: 0-50000 ft (0-15000 m)
- Online Thermal Dissipation: 170 BTU/hr
- Audible Noise at 5ft from surface of unit: 54.6 dB

**CERTIFICATIONS**

- Safety: CE
- Environmental: Yes

**WARRANTY**

- Product Warranty: 3 years
- Connected Equipment Guarantee: Lifetime
- CEG Amount: $400,000