

PR2200/3000ELCDSL

## Professional (Tower) Series

Extended Power Protection  
for Mission-critical Applications



The Professional Tower UPS Series provides advanced level of power protection to servers, telecom equipment, VOIP, internet working hardware and other mission-critical applications.

With Pure Sine Wave output and Automatic Voltage Regulation (AVR) stabilizing the AC signal and maintaining a safe voltage, the UPS ensures safe power levels for the connected equipment without resorting to battery power. The multifunction LCD readout provides immediate access to precise information of critical power/battery conditions and helps users control and manage the unit easily.

The optional SNMP/HTTP Remote Management Capability enables remote management and control of the system through standard web browser. Together with the included PowerPanel® Business Edition management software, the UPS can provide administrators comprehensive network power management including unattended-shutdown, event logging, reporting, and notifications.

## APPLICATIONS

- Data Centers
- Corporate Servers
- Departmental Servers
- Telecom Installations
- Network Hardware

## SERIES FEATURES

- GreenPower UPST™ Technology
- Pure Sine Wave Output
- Line-interactive UPS Topology
- Automatic Voltage Regulator (AVR)
- EMI, RFI, Surge and Lightning Spike Protection
- Auto-restart/Auto-charge
- Emergency Power Off (EPO) Port
- Multifunction LCD Readout
- USB & Serial Connectivity Ports
- Hot-swappable Battery Packs
- User-replaceable Batteries
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software



### AUTOMATIC VOLTAGE REGULATION

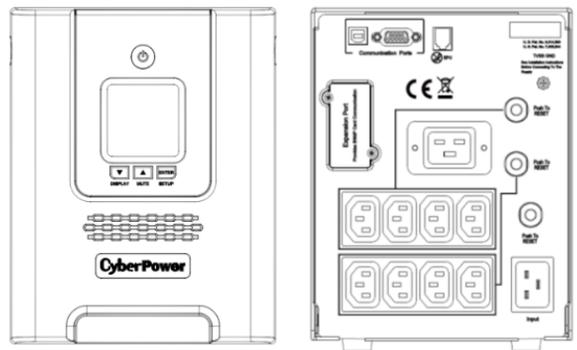
Automatic Voltage Regulation provides clean, consistent AC power by automatically regulating low voltages and over voltages within defined tolerances, when incoming utility power has minor fluctuations.



### ENERGY-SAVING TECHNOLOGY

#### GreenPower UPST™ Technology

The patented advanced energy-saving technology improves the UPS operating efficiency and eliminates energy consumption and heat buildup.



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## TECHNICAL SPECIFICATIONS

Model Name	PR2200ELCDSL	PR3000ELCDSL
<b>General</b>		
UPS Topology	Line-interactive	Line-interactive
Energy Saving	GreenPower UPS™ Bypass Technology	GreenPower UPS™ Bypass Technology
Energy Star Qualified	Yes	Yes
Active PFC Compatible	Yes	Yes
<b>Input</b>		
Nominal Input Voltage	230Vac	230Vac
Input Voltage Range	151 - 301Vac	151 - 301Vac
Input Frequency Range	50/60 ± 3Hz (Auto-sensing)	50/60 ± 3Hz (Auto-sensing)
Rated Input Current	16A	16A
Plug Type	IEC C20	IEC C20
<b>Output</b>		
VA/Watts	2200/1980	3000/2700
On Battery Waveform	Pure Sine Wave	Pure Sine Wave
On Battery Voltage	230Vac ± 10%	230Vac ± 10%
On Battery Frequency	50/60Hz ± 1%	50/60Hz ± 1%
Automatic Voltage Regulation (AVR)	Double boost, Single Buck	Double Boost, Single Buck
Overload Protection	Internal Current Limiting, Circuit Breaker	Internal Current Limiting, Circuit Breaker
Outlets - Total	9	9
Outlet Type	IEC C19 x 1, IEC C13 x 8	IEC C19 x 1, IEC C13 x 8
Outlets - Battery & Surge Protected	9	9
Outlets - Surge-only Protected	-	-
Outlets - Critical Load (CL)	-	-
Outlets - Non-critical Load (NCL)	-	-
Typical Transfer Time	4ms	4ms
<b>Battery</b>		
Runtime at Half Load (min)	12	7
Runtime at Full Load (min)	3	2
Battery Type	Sealed Lead-acid	Sealed Lead-acid
Battery Size	12V / 9AH	12V / 9AH
Battery Quantity	4	4
User Replaceable	Yes	Yes
Hot-swappable	Yes	Yes
Typical Recharge Time	8 Hours	8 Hours
Replacement Battery Pack	RBP0116	RBP0116
Replacement Battery Pack Quantity	1	1
External Battery Module (EBM)	-	-
Max. EBM Quantity	-	-
<b>Surge Protection &amp; Filtering</b>		
Surge Suppression (Joules)	405	405
EMI/RFI Filtration	Yes	Yes
Phone/Network Protection RJ11/RJ45	-	-
<b>Management &amp; Communications</b>		
LCD Panel	Yes	Yes
Detachable LCD Panel	-	-
HID Compliant USB Port	1	1
Serial Port	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)
Emergency Power Off (EPO) Port	Yes	Yes
LED Indicators	Power On	Power On
Audible Alarms	Battery Mode, Low Battery, Overload, UPS Fault	
Software	PowerPanel® Business Edition	PowerPanel® Business Edition
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD20x	Yes - with optional RMCARD20x
<b>Physical</b>		
Form Factor	Tower	Tower
<b>Physical - UPS Module</b>		
Dimensions (WxHxD) (mm.)	170 x 221 x 432	170 x 221 x 432
Weight (kg.)	23.3	24.5
Installed Rack Height	-	-
<b>Environmental</b>		
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	0% - 95% Non-condensing	0% - 95% Non-condensing
Operating Elevation	0-10,000 feet (0-3,000 meters)	0-10,000 feet (0-3,000 meters)
Storage Temperature	5 °F to 113 °F / -15 °C to 45 °C	5 °F to 113 °F / -15 °C to 45 °C
Storage Relative Humidity	0% - 95% Non-condensing	0% - 95% Non-condensing
Online Thermal Dissipation	155 BTU/hr	200 BTU/hr
<b>Certifications</b>		
Certifications	CE, EAC, RCM	CE, EAC, RCM
RoHS Compliant	Yes	Yes

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