CyberPower®

PR750/1000/1500/2000/2200ERT2U

Professional Rackmount Series

Complete Power Protection for Mission-Critical Application

Line-interactive UPS Topology

Energy Saving Technology

APFC **Active PFC Compatible**

Sine Wave Output

Toolless Battery Replacement

Battery Management Technology

The Professional Rackmount UPS Series delivers Sine Wave Output to provide advanced level of power protection to servers, telecom equipment, VOIP, industrial equipment and other mission-critical applications.

With Automatic Voltage Regulation (AVR) stabilizing the incoming AC power, the UPS ensures safe power levels for the connected equipment without resorting to battery power. The LCD panel showcases real-time UPS information and allows users to navigate through menus in an intuitive manner. It is rotatable to meet rack/tower installation requirements and its angle can also be adjustable for user's preference.

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

ENERGY-SAVING TECHNOLOGY

GreenPower UPS™ Technology

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

PowerPanel® Business Edition Software

System Graceful Shutdown Software

This software can provide orderly shutdown for your computer systems during the event of an extended AC power failure. This software supports Windows, Linux, and Mac operating systems and virtual platforms Vmware, Microsoft Hyper-V, and Citrix XenServer.

*Software functions may vary due to firmware version and/or hardware constraints.

APPLICATIONS

- Home and Home Office
- Home Theater System
- Small Office
- Medium Business
- Corporate Data Center
- Networking, Servers & Workstations
- Industrial Equipment

SERIES FEATURES

- Line-interactive UPS Topology
- Energy Saving Technology
- Active PFC Compatible
- Sine Wave Output
- Toolless Battery Replacement
- Battery Management Technology
- Output Power Factor = 1
- Automatic Voltage Regulation (AVR)
- Overload Protection
- Critical/Non-critical Load Outlets
- Hot-swappable Batteries
- Surge and Spike Protection
- EMI and RFI Filtration
- LCD Status Display
- USB Connectivity Port
- Serial Connectivity Port
- Emergency Power Off (EPO) Port
- PowerPanel® Management Software
- SNMP/HTTP Remote Management Capability
- Rack/Tower Convertible Configurations
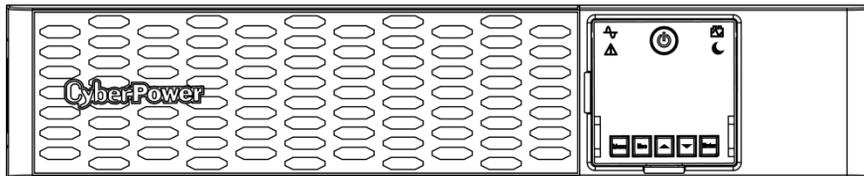
Angle Adjustable LCD Design

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TECHNICAL SPECIFICATIONS

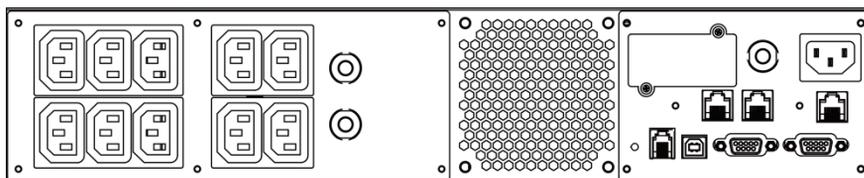| Model Name	PR750ERT2U	PR1000ERT2U	PR1500ERT2U	PR2000ERT2U	PR2200ERT2U
General					
UPS Topology	Line-interactive	Line-interactive	Line-interactive	Line-interactive	Line-interactive
Energy Saving Technology	GreenPower UPS™ Bypass Technology				
Active PFC Compatibility	Yes	Yes	Yes	Yes	Yes
Input					
Nominal Input Voltage (Vac)	220, 230, 240	220, 230, 240	220, 230, 240	220, 230, 240	220, 230, 240
Input Voltage Range (Vac)	159 ~ 288	159 ~ 288	159 ~ 288	159 ~ 288	159 ~ 288
Input Frequency (Hz)	$50 \pm 3, 60 \pm 3$	$50 \pm 3, 60 \pm 3$	$50 \pm 3, 60 \pm 3$	$50 \pm 3, 60 \pm 3$	$50 \pm 3, 60 \pm 3$
Input Frequency Detection	Auto-sensing	Auto-sensing	Auto-sensing	Auto-sensing	Auto-sensing
Input Connector Type	IEC C14	IEC C14	IEC C14	IEC C14	IEC C20
Output					
Capacity (VA)	750	1000	1500	2000	2200
Capacity (Watts)	750	1000	1500	2000	2200
On Battery Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
On Battery Voltage(s) (Vac)	$220 \pm 5\%, 230 \pm 5\%, 240 \pm 5\%$				
On Battery Frequency (Hz)	$50 \pm 1\%, 60 \pm 1\%$	$50 \pm 1\%, 60 \pm 1\%$	$50 \pm 1\%, 60 \pm 1\%$	$50 \pm 1\%, 60 \pm 1\%$	$50 \pm 1\%, 60 \pm 1\%$
Power Factor	1	1	1	1	1
Automatic Voltage Regulation (AVR)	Double Boost, Single Buck				
Overload Protection	Internal Current Limiting, Circuit Breaker				
Outlet(s) - Total	10	10	10	10	8
Outlet Type	IEC C13 x 10	IEC C13 x 10	IEC C13 x 10	IEC C13 x 10	IEC C13 x 6, IEC C19 x 2
Outlet(s) - Battery & Surge Protected	10	10	10	10	8
Outlet(s) - Critical Load (CL)	5	5	5	5	4
Outlet(s) - Non-Critical Load (NCL)	5	5	5	5	4
Typical Transfer Time (ms)	4	4	4	4	4
Battery					
Runtime at Half Load (min)	23.5	18.1	18.3	14	11
Runtime at Full Load (min)	7.1	5	6	4	3
Typical Recharge Time (Hours)	3	3	3	3	3
User-replaceable	Yes	Yes	Yes	Yes	Yes
Hot-swappable	Yes	Yes	Yes	Yes	Yes
Battery Type	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid
Replacement Battery Pack	RBP0127	RBP0128	RBP0129	RBP0129	RBP0129
RBP Quantity (pcs)	1	1	1	1	1
Surge Protection & Filtering					
Surge Suppression (Joules)	2430	2430	2430	2430	2430
EMI/RFI Filtration	Yes	Yes	Yes	Yes	Yes
Network Protection RJ45	1-in, 1-out	1-in, 1-out	1-in, 1-out	1-in, 1-out	1-in, 1-out
Management & Communications					
LCD Panel	Yes	Yes	Yes	Yes	Yes
LCD Orientation	Rotatable LCD panel	Rotatable LCD panel	Rotatable LCD panel	Rotatable LCD panel	Rotatable LCD panel
HID Compliant USB Port(s)	1	1	1	1	1
Serial Port	RS232	RS232	RS232	RS232	RS232
Dry Contact (with Relay)	Yes	Yes	Yes	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes	Yes	Yes	Yes
Power Management Software	PowerPanel® Business Edition				
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205				
Physical					
Form Factor	Rack/Tower	Rack/Tower	Rack/Tower	Rack/Tower	Rack/Tower
Physical Size - UPS Module					
Dimensions (WxHxD) (mm.)	433 x 86.5 x 412	433 x 86.5 x 412	433 x 86.5 x 412	433 x 86.5 x 412	433 x 86.5 x 412
Weight (kg.)	17.5	20.2	23.8	27.8	27.8
Installed Rack Height (U)	2	2	2	2	2
Environmental					
Operating Temperature (°C)	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40
Operating Relative Humidity (Non-condensing) (%)	0 ~ 95	0 ~ 95	0 ~ 95	0 ~ 95	0 ~ 95
Online Thermal Dissipation (BTU/hr)	41.3	47.4	75.1	129.6	116
Certifications					
Certifications	CE, FCC Class B, UL, RCM, VCCI				
RoHS	Yes	Yes	Yes	Yes	Yes

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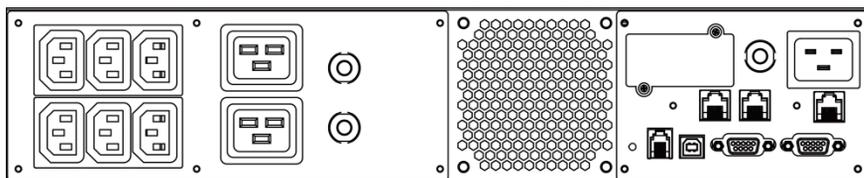
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APPEARANCE

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