PR750ERT2U/PR1000ERT2U/PR1500ERT2U
PR2000ERT2U/PR2200ERT2U/PR3000ERT2U

COMPLETE POWER PROTECTION TO SAFEGUARD COMPUTER AND SERVER

Line-interactive UPS Topology

Energy Saving Technology

Pure Sine Wave Output

Toolless Battery Replacement

Battery Management Technology

Remote Management Capability

The rackmount UPS with Automatic Voltage Regulation to stabilize the AC power output for IT equipment
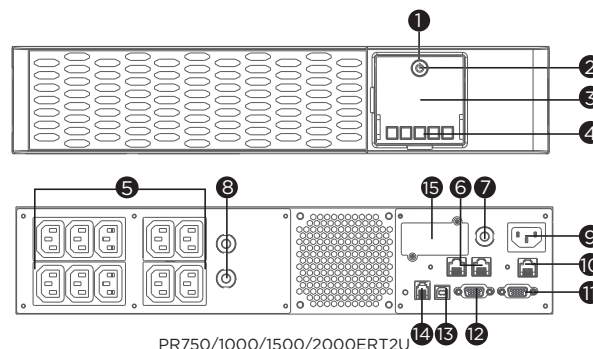
Designed for computer room and server room applications, the Professional Rackmount Series adopts line-interactive topology with Automatic Voltage Regulation (AVR) function to offer stabilized AC power output with Pure Sine Wave to ensure high power quality. The UPS's output power factor is 1, which means it is capable of connecting to more critical loads than conventional UPS. It also features Battery Management Technology to help batteries obtain optimal life span by balancing battery string voltage. Two-phase battery charging can charge the battery quickly and safely. The hot-swappable battery packs allow for easy maintenance without power interruption.
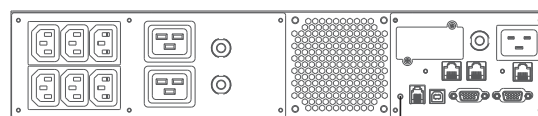
SERIES FEATURES

- Line-interactive UPS Topology
- Energy Saving Technology
- Active PFC Compatible
- Pure Sine Wave Output
- Toolless Battery Replacement
- Battery Management Technology
- High Output Power Factor
- Automatic Voltage Regulation (AVR)

- Overload Protection
- Critical/Non-critical Load Outlets
- Quick Charging Technology
- Hot-swappable Batteries
- LCD Status Display
- Emergency Power Off (EPO) Port
- PowerPanel Management Software
- SNMP/HTTP Remote Management Capability (Optional)

PRODUCT CALLOUTS

1. Power On Indicator
2. Power On/Off Switch
3. LCD Display Panel
4. Function Button(s)
5. Battery Backup & Surge Protected Outlets
6. Communication Protection Ports RJ45
7. Input Circuit Breaker
8. Output Circuit Breaker
9. AC Inlet
10. BM/ENV Port
11. Dry Contact
12. Serial Port
13. USB Port
14. EPO/ROO Port
15. SNMP/HTTP Network Slot
16. TVSS Screw

PR750/1000/1500/2000ERT2U

PR2200/3000ERT2U

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TECHNICAL SPECIFICATIONS

Model Name	PR750ERT2U	PR1000ERT2U	PR1500ERT2U	PR2000ERT2U	PR2200ERT2U	PR3000ERT2U
General						
UPS Topology	Line-interactive					
Energy Saving Technology	GreenPower UPS™ Bypass Technology					
Active PFC Compatibility	Yes					
Input						
Nominal Input Voltage (Vac)	220, 230, 240					
Input Voltage Range (Vac)	159 - 288					
Adjustable Voltage Range (Vac)	151 - 302 Vac					
Input Frequency (Hz)	50 ± 3, 60 ± 3					
Input Frequency Detection	Auto-sensing					
Input Connector Type	IEC C14			IEC C20		
Output						
Capacity (VA)	750	1000	1500	2000	2200	3000
Capacity (Watts)	750	1000	1500	2000	2200	3000
On Battery Waveform	Pure Sine Wave					
On Battery Voltage(s) (Vac)	220 ± 5%, 230 ± 5%, 240 ± 5%					
On Battery Frequency (Hz)	50 ± 1%, 60 ± 1%					
Power Factor	1					
Automatic Voltage Regulation (AVR)	Double Boost, Single Buck					
Overload Protection	Internal Current Limiting, Circuit Breaker					
Outlet(s) - Total	10			8		
Outlet Type	IEC C13 x 10			IEC C13 x 6, IEC C19 x 2		
Outlet(s) - Battery & Surge Protected	10			8		
Outlet(s) - Critical Load (CL)	5			4		
Outlet(s) - Non-Critical Load (NCL)	5			4		
Typical Transfer Time (ms)	4					
Battery						
Runtime at Half Load (min)	20	21	18.6	13	11.4	6.3
Runtime at Full Load (min)	6.4	7	6	4	3	1.4
Typical Recharge Time (Hours)	3					
User-replaceable	Yes					
Hot-swappable	Yes					
Battery Type	Sealed Lead-acid					
Replacement Battery Pack	RBP0127	RBP0128	RBP0129			
RBP Quantity (pcs)	1					
Surge Protection & Filtering						
Surge Suppression (Joules)	2430					
EMI/RFI Filtration	Yes					
Network Protection RJ45	1-in, 1-out					
Management & Communications						
LCD Panel	Yes					
LCD Orientation	Rotatable LCD – Manual					
HID Compliant USB Port(s)	1					
Serial Port	RS232					
Dry Contact (with Relay)	Yes					
Emergency Power O (EPO) Port	Yes					
Power Management Software	PowerPanel Business (Recommended)					
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205					
Physical						
Form Factor	Rackmount, Tower					
Physical Size - UPS Module						
Dimensions (WxHxD) (mm.)	433 x 86.5 x 412					433 x 86.5 x 500
Weight (kg.)	18.3	22.4	24.6	25.7		32.3
Installed Rack Height (U)	2					
Environmental						
Operating Temperature (°C)	0 - 40					
Operating Relative Humidity (Non-condensing) (%)	0 - 95					
Online Thermal Dissipation (BTU/hr)	41.3	47.4	75.1	129.6	116	120.8
Certifications						
Certifications*	CE, FCC Class A (for PR3000ERT2U only), FCC Class B, UL, cUL, RCM, VCCI, UKCA					
RoHS	Yes					

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
#All specifications are subject to change without notice.

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