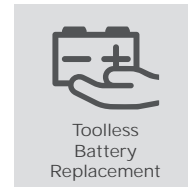
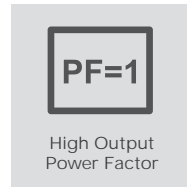
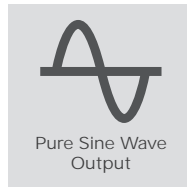
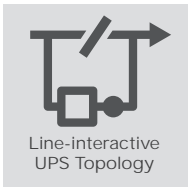


PR750ERT2U/PR1000ERT2U/PR1500ERT2U  
PR2000ERT2U/PR2200ERT2U/PR3000ERT2U



## COMPLETE POWER PROTECTION TO SAFEGUARD COMPUTER AND SERVER ROOM



### 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.

#### APPLICATION

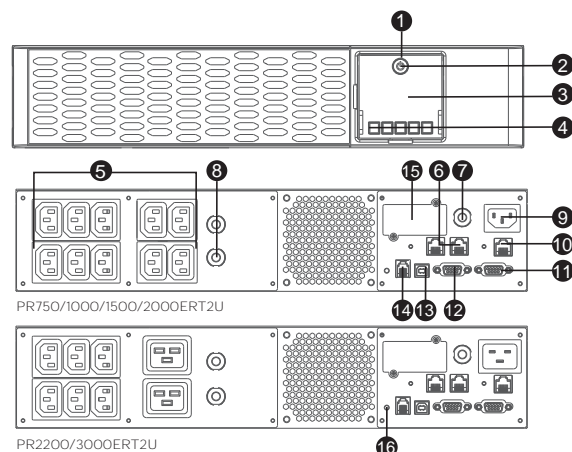
- SOHO Office
- Back Office
- Data Center
- Factory
- Train Station
- Office
- Server Room
- Supermarket
- Airport

#### SERIES FEATURES

- Line-interactive UPS Topology
- Pure Sine Wave Output
- Toolless Battery Replacement
- Hot-swappable Batteries
- Night Mode Design
- SNMP/HTTP Remote Management Capability (Optional)
- Energy Saving Technology
- High Output Power Factor
- Battery Management Technology
- Multi-functional Matrix LCD
- PowerPanel® Management Software
- Rack/Tower Convertible Configurations

#### 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



## TECHNICAL SPECIFICATIONS

| Model Name                                       | PR750ERT2U   | PR1000ERT2U         | PR1500ERT2U         | PR2000ERT2U         | PR2200ERT2U              | PR3000ERT2U              |
|--|--|---------------------|---------------------|---------------------|--------------------------|--------------------------|
| <b>General</b>                                   |  |                     |                     |                     |                          |                          |
| UPS Topology                                     | Line-interactive   | 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                      | Yes                      |
| <b>Input</b>                                     |  |                     |                     |                     |                          |                          |
| Nominal Input Voltage (Vac)                      | 220, 230, 240  | 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                | 159 - 288                |
| Input Frequency (Hz)                             | 50 ± 3, 60 ± 3   | 50 ± 3, 60 ± 3      | 50 ± 3, 60 ± 3      | 50 ± 3, 60 ± 3      | 50 ± 3, 60 ± 3           | 50 ± 3, 60 ± 3           |
| Input Frequency Detection                        | Auto-sensing   | Auto-sensing        | Auto-sensing        | Auto-sensing        | Auto-sensing             | Auto-sensing             |
| Input Connector Type                             | IEC C14  | IEC C14             | IEC C14             | IEC C14             | IEC C20                  | IEC C20                  |
| <b>Output</b>                                    |  |                     |                     |                     |                          |                          |
| Capacity (VA)                                    | 750  | 1000                | 1500                | 2000                | 2200                     | 3000                     |
| Capacity (Watts)                                 | 750  | 1000                | 1500                | 2000                | 2200                     | 3000                     |
| On Battery Waveform                              | Pure Sine Wave   | Pure Sine Wave      | Pure Sine Wave      | Pure Sine Wave      | Pure Sine Wave           | Pure Sine Wave           |
| On Battery Voltage(s) (Vac)                      | 220 ± 5%, 230 ± 5%, 240 ± 5%                                       |                     |                     |                     |                          |                          |
| On Battery Frequency (Hz)                        | 50 ± 1%, 60 ± 1%   | 50 ± 1%, 60 ± 1%    | 50 ± 1%, 60 ± 1%    | 50 ± 1%, 60 ± 1%    | 50 ± 1%, 60 ± 1%         | 50 ± 1%, 60 ± 1%         |
| Power Factor                                     | 1  | 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                        | 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 | IEC C13 x 6, IEC C19 x 2 |
| Outlet(s) - Battery & Surge Protected            | 10   | 10                  | 10                  | 10                  | 8                        | 8                        |
| Outlet(s) - Critical Load (CL)                   | 5  | 5                   | 5                   | 5                   | 4                        | 4                        |
| Outlet(s) - Non-Critical Load (NCL)              | 5  | 5                   | 5                   | 5                   | 4                        | 4                        |
| Typical Transfer Time (ms)                       | 4  | 4                   | 4                   | 4                   | 4                        | 4                        |
| <b>Battery</b>                                   |  |                     |                     |                     |                          |                          |
| Runtime at Half Load (min)                       | 20   | 21                  | 18.6                | 13                  | 11.4                     | 6.4                      |
| Runtime at Full Load (min)                       | 6.4  | 7                   | 6                   | 4                   | 3                        | 1.3                      |
| Typical Recharge Time (Hours)                    | 3  | 3                   | 3                   | 3                   | 3                        | 3                        |
| User-replaceable                                 | Yes  | Yes                 | Yes                 | Yes                 | Yes                      | Yes                      |
| Hot-swappable                                    | Yes  | Yes                 | Yes                 | Yes                 | Yes                      | Yes                      |
| Battery Type                                     | Sealed Lead-acid   | Sealed Lead-acid    | Sealed Lead-acid    | Sealed Lead-acid    | Sealed Lead-acid         | Sealed Lead-acid         |
| Replacement Battery Pack                         | RBPO127  | RBPO128             | RBPO129             | RBPO129             | RBPO129                  | RBPO129                  |
| RBP Quantity (pcs)                               | 1  | 1                   | 1                   | 1                   | 1                        | 1                        |
| <b>Surge Protection &amp; Filtering</b>          |  |                     |                     |                     |                          |                          |
| Surge Suppression (Joules)                       | 2430   | 2430                | 2430                | 2430                | 2430                     | 2430                     |
| EMI/RFI Filtration                               | Yes  | 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              | 1-in, 1-out              |
| <b>Management &amp; Communications</b>           |  |                     |                     |                     |                          |                          |
| LCD Panel  | Yes  | Yes                 | Yes                 | Yes                 | Yes                      | Yes                      |
| LCD Orientation                                  | Rotatable LCD panel  | 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                        | 1                        |
| Serial Port                                      | RS232  | RS232               | RS232               | RS232               | RS232                    | RS232                    |
| Dry Contact (with Relay)                         | Yes  | Yes                 | Yes                 | Yes                 | Yes                      | Yes                      |
| Emergency Power Off (EPO) Port                   | Yes  | Yes                 | Yes                 | Yes                 | Yes                      | Yes                      |
| Power Management Software                        | PowerPanel® Business Edition                                       |                     |                     |                     |                          |                          |
| SNMP/HTTP Remote Monitoring                      | Yes - with optional RMCARD205                                      |                     |                     |                     |                          |                          |
| <b>Physical</b>                                  |  |                     |                     |                     |                          |                          |
| Form Factor                                      | Rack/Tower   | Rack/Tower          | Rack/Tower          | Rack/Tower          | Rack/Tower               | Rack/Tower               |
| <b>Physical Size - UPS Module</b>                |  |                     |                     |                     |                          |                          |
| 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         | 433 x 86.5 x 500         |
| Weight (kg.)                                     | 18.3   | 22.4                | 24.6                | 25.7                | 25.7                     | 32.3                     |
| Installed Rack Height (U)                        | 2  | 2                   | 2                   | 2                   | 2                        | 2                        |
| <b>Environmental</b>                             |  |                     |                     |                     |                          |                          |
| Operating Temperature (°C)                       | 0 - 40   | 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                   | 0 - 95                   |
| Online Thermal Dissipation (BTU/hr)              | 41.3   | 47.4                | 75.1                | 129.6               | 116                      | 120.8                    |
| <b>Certifications</b>                            |  |                     |                     |                     |                          |                          |
| Certifications*                                  | CE, FCC Class A (for PR3000ERT2U only), FCC Class B, UL, RCM, VCCI |                     |                     |                     |                          |                          |
| RoHS   | Yes  | Yes                 | Yes                 | Yes                 | Yes                      | Yes                      |

\*Certifications may vary according to different regions. Visit [www.cyberpower.com](http://www.cyberpower.com) for more information.  
#All specifications are subject to change without notice.