INSTALLING YOUR UPS SYSTEM

UNPACKING
1. Register your product. The warranty card should contain the following:
   (1) UPS Unit,
   (2) User's Manual,
   (3) UPS Cord,
   (4) Mounting Bracket,
   (5) Standoffs,
   (6) Telephone-Cable-Clip,
   (7) Emergency Power Off Cable (gray),
   (8) PowerPanel® Business Edition Software CD,
   (9) Serial Interface Cable (DB-9),
   (10) USB A-type cable,
   (11) Warranty Registration Card.

OVERVIEW
PR2600LCDRT2U/PR3000LCDRT2U provides battery backup, automatic voltage regulation (AVR), and optimal performance of computer and other network equipment by ensuring consistent sine wave power. The PR2600LCDRT2U/PR3000LCDRT2U features 1874 Joules of surge protection, and provides battery backup during power outages. The PR2600LCDRT2U/PR3000LCDRT2U can operate up to 15A on the utility power input. The unit powerful sealed lead-acid batteries will automatically increases low or decreases high voltage to a consistent, computer safe 110v/120v. The unit can be directly connected to the computer component.

AUTOMATIC VOLTAGE REGULATOR (AVR)
The AVR protects the computer system during a utility power loss. The AVR operates at all times to protect the computer system from any voltage distortion. The AVR cannot do the following for the computer system:

- Prevents voltage surges.
- Prevents voltage sags.
- Protects against line noise.
- Protects against blackouts.
- Protects against brownouts.

BATTERY REPLACEMENT
Contact your dealer, or email tech@cyberpower.com. Refer to replacement battery pack number RPBP263 for the PR2600LCDRT2U and RPBP300 for the PR3000LCDRT2U.

NOTE:
- For model PR2600LCDRT2U/PR3000LCDRT2U, remove power from the UPS before starting any work on the external battery pack.
- Be sure the battery pack is added to the UPS as a set.
- Be sure the battery pack is compatible with the UPS before starting any work on the external battery pack.

BATTERY REPLACEMENT PROCEDURE:
1. Remove the six retaining screws, and remove the front panel.
2. Remove the one retaining screws of the battery cover and then remove the cover.
3. Disconnect the black and red cable.
4. Disconnect the black and red cable.
5. Disconnect the black and red cable.
6. Pull out the old battery pack and replace. Reassemble the retaining screws, cover, black and red cable, and front panel to the reverse sequence of the above steps. Replace the unit for 4-8 hours to ensure maximum UPS battery runtime.

LOAD STATUS MEMORY
This feature monitors the UPS system when it is not connected to utility power. When the UPS is not connected to utility power, the information is stored in non-volatile memory. When the UPS is reconnected to utility power, the load status information is restored.

11. Site Wire Fault indicator
This LED will illuminate when the user that a wiring problem exists within the AC receptacle, such as a bad ground, missing ground or reversed wiring. It illuminates/displays all equipment and connects an electrical to ensure circuit is properly wired.

12. Serial Port (Primary)
Serial port allow for bi-directional communication among the UPS and the computer/local network. The primary computer's identification in case of an emergency, and at the same time, the computer can monitor the UPS and start various programmed procedures.

13. Serial Port (Secondary)
Serial port 5 allows the UPS to initiate the connected computer's graceful shutdown in case of an emergency.

14. HTTP Network slot
The UPS can receive the computer's instructions to provide a graceful shutdown in case of an emergency.

15. Extended Runtime (XR) Battery Pack Connector
Provide a connection for additional CyberPower XR Battery Packs.

NOTE:
- For model PR2600LCDRT2U/PR3000LCDRT2U, the Extended Runtime (XR) Battery Pack Connector is only intended for use with the CyberPower XR Battery Pack.

CAUTION!
- When replacing batteries, replace with the same number of the following battery: HR9-12(BB) for PR2600LCDRT2U, or HR12-12(BB) for PR3000LCDRT2U.

CAUTION!
- Risk of Energy Release. 12 V battery & 12 Amp-hour battery (HR-12). Before replacing batteries, remove conductive jewelry such as rings, bracelets, watches, and necklaces. High energy through conductive materials could result in severe injury or death.

CAUTION!
- Risk of battery explosion. Battery is an unvented lead acid type. Dispose of used battery according to the instructions.

CAUTION!
- Do not open, or mutilate the battery. Released electrolytes may be toxic, and can be harmful to eyes and skin.

CAUTION!
- Wear protective gloves and boots.

- If the battery is inadvertently grounded. If inadvertently grounded, remove source of ground. CONTACT WITH A GROUNDED BATTERY CAN RESULT IN ELECTRICAL SHOCK. Battery tests, outlet, etc. and get information. This can be used as a diagnostic tool to identify poor-quality input power. Units are listed in V (Volts). When the UPS connect to power, it begins monitoring the input voltage and will turn on when the input voltage is within the acceptable range; also, the output voltage will be displayed on the UPS's LCD panel.

NOTE:
- The number displayed may be less than actual runtimes for low loads.

- The Estimated Runtime Screen displays how many minutes of runtime can be expected of the UPS if it were to be disconnected from its AC input. The number displayed may be less than actual runtimes for low loads.

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General Mode

1. Press the "Display-Toggle" button for 10 seconds to enter the UPS Set-Up Mode.
2. By pressing the "Display-Toggle" button, users can switch between setup functions. Some User Configurable functions are as follows:

   a. **Hold Time:** The time delay between switching from Battery Mode to Line Mode. There are 9 different settings: the default setting is 0 seconds.
   b. **Battery Pack Numbers:** The UPS does not show up in the database unless it is configured properly.
   c. **Self-Test:** The UPS does not perform a self-test if the battery is not fully charged. Recharge the battery by leaving the UPS plugged in.
   d. **Battery Status:** The battery is worn out. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   e. **Surge Protection and Filtering:** The unit is not providing protection and filtering. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   f. **Input Voltage:** The input voltage is too high. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   g. **Output Voltage:** The output voltage is too low. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   h. **Input Frequency:** The input frequency is out of the allowed range. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   i. **Output Frequency:** The output frequency is out of the allowed range. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   j. **Power Factor:** The power factor is out of the allowed range. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   k. **Overcurrent Protection:** The overcurrent protection is not working. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   l. **Overload Protection:** The overload protection is not working. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   m. **Lightning Surge Protection:** The lightning surge protection is not working. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   n. **Internal Relay/DP/DPL Fuse:** The internal relay/DP/DPL fuse is not working. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.
   o. **Surge Protection:** The surge protection is not working. Contact CyberPower Systems about replacement batteries at 1-888-297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at clients@cyberpower.com for instructions.

Additional troubleshooting information can be found at "https://cyberpowerusa.com/support/tools".