**Important Safety Instructions**

Read and follow the important safety instructions before servicing the battery. Visit CyberPower official website www.cyberpower.com or contact your dealer for more information on battery replacement.

**CAUTION:**

- Use only the specified CyberPower replacement battery or battery pack.
- Do not dispose of batteries in a fire. The batteries may explode.
- Do not open or mutilate batteries. Released material may be harmful to the skin and eyes. It may be toxic.
- Take the following precautions before replacing the battery:
  1. Remove watches, rings, or other metal objects.
  2. Use tools with insulated handles.
  3. Wear rubber gloves and boots.
  4. Do not lay tools or metal parts on top of batteries.
  5. Determine if battery is inadvertently grounded.
- If inadvertently grounded, remove source from ground. Contact with ANY PART OF A GROUNDED BATTERY CAN RESULT IN ELECTRICAL SHOCK. The likelihood of ground condition may exist if the UPS has been exposed to moisture or has been involved in an accident.

**Note:**

- This guide is intended for use by qualified technicians and is not a user manual for the end user. Inexplicable discrepancies during installation and maintenance (applicable to equipment and replacement battery supplies not having a grounded supply circuit).

**Battery Replacement Instructions**

**CyberPower encourages environmentally sound methods for disposal and recycling of its UPS's and batteries. Please dispose of and/or recycle your UPS's and batteries in accordance to the local regulations of your state.**
1. Remove the right side front panel.
2. Remove the two screws for the cable protection cover.
3. Disconnect the battery cables from the battery.
4. Loosen the battery strap.
5. Remove the four retaining screws holding the battery pack in place.
6. Remove the two screws for the battery compartment cover.
7. Remove the battery pack.
8. Slide the battery back into the normal operation.

**MODEL:** PR1000LCDRTXL2U, PR1100LCDRTXL2U, PR1500LCDRTXL2U, PR2200LCDRTXL2U

Remove the battery pack.
Disconnect the battery cable connector to remove the battery.
Install the new battery pack. Assemble the connectors, screws, cover, and remove the cover.
Connect to AC power and charge the new batteries for up to 16 hours to fully charge the battery.

**MODEL:** CP850PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel and remove the battery pack.
2. Disconnect the battery wires from the battery pack.
3. Remove the two screws for the battery compartment cover.
4. Disconnect the battery wires from the battery.
5. Remove the battery module.
6. Slide the battery compartment cover to the right and pull the battery module.
7. Connect to AC power and charge the new batteries for up to 16 hours to ensure the UPS performs expected runtime.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Disconnect the battery wires from the battery.
4. Remove the replacement batteries by connecting the wire bundle to the battery pack. Reconnect the battery wires from the battery pack.
5. Install the replacement batteries by connecting the wire bundle to the battery pack. Reconnect the battery wires from the battery pack.
6. Slide back the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**FTx Series**

**MODEL:** CS2U12V-MAS, CS2U12V-MAS-G, CS2U12V-XL

1. Remove the battery cover.
2. Disconnect battery cable connector to remove battery.
3. Replace with new battery and re-connect the battery.
4. Make sure battery is fixed properly in the compartment and close the battery cover.

**MODEL:** DTC06U12V-MAS-G

1. Slide off the battery cover at the back of the DTC06U12V unit.
2. Remove the battery from the enclosure.
3. Disconnect both battery cable connectors.
4. Install the new battery by connecting the red wire to the positive (+) post and the black wire to the negative (-) post.
5. Slide the battery back into the normal operation.
6. Replace battery cover to resume normal operation.

**Extended Battery Modules**

**MODEL:** BP48V45AT7U, BP48V45AT7U2

1. Remove the front panel or the right side.
2. Remove the front panel on the left side of the unit.
3. Disconnect the black and red wire from the battery.
4. Disconnect the black and red wire from the battery.
5. Disconnect the battery and battery management module connector.
6. Pull out the old battery pack and replace with new one.
7. Reconnect the battery and battery management module connector.
8. Connect to AC power and charge new batteries for up to 16 hours.

**MODEL:** OR500PCRT2U, OR500PCRT2U2, OR2200PCRT2U

1. Remove the front screw of the UPS.
2. Remove two screws from the battery compartment cover and remove the cover off of the unit.
3. Remove the batteries from the compartment.
4. Disconnect the battery wires from the batteries.
5. Pull the batteries back into the compartment.
6. Reconnect the battery compartment and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**EFC SINEWAVE Series**

**MODEL:** OR3000FPCLCD

1. Remove the front screw of the UPS.
2. Remove two screws from the battery compartment cover and remove the cover off of the unit.
3. Remove the batteries from the compartment.
4. Disconnect the battery wires from the batteries.
5. Pull the batteries back into the compartment.
6. Reconnect the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP850PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD

1. Turn off the UPS on its side. Remove the front panel retaining screws located on the front panel.
2. Disconnect the battery wires from the battery pack.
3. Remove the batteries from the battery packs.
4. Slide the battery pack completely off of the unit.
5. Install the batteries in the battery pack.
6. Slide the battery compartment cover and tighten the retention screw. Recharge the UPS for 4-6 hours to fully charge the battery.

**MODEL:** CP1500PFCLCD