PowerWalker How to assemble a BPH A36T-12



Important Safety Warnings

Please comply with all warnings and operating instructions in this instruction strictly. Carefully read the following instructions before installing the unit. Do not operate this unit before reading through all safety information and operating instructions carefully.

- Do not try to assemble or repair the unit yourself, contact your local supplier, seek for a qualified technician for professional assistance.
- To eliminate any overheating of the battery box, keep all ventilation openings free from obstruction and do not place any foreign objects on top of the battery bank. Keep the battery box 20 cm away from the wall.
- Make sure the battery box is installed within the proper environment as specified. (0-40°C and 30-90% non-condensing humidity)
- Do not install the battery box under direct sunlight. Your warranty will be void if the batteries fail due to overheating.
- This battery box is not designed for use in dusty, corrosive, and salty environment.
- The warranty for this battery bank will be void if water or other liquid is spilled or poured directly onto the battery box. Similarly, we do not warrant any damage to the battery box if foreign objects are deliberately or accidentally inserted into the battery box enclosure.
- The battery will discharge naturally if the system is unused for a period of time.
- It should be recharged every 2-3 months if unused. If this is not done, then the warranty will be null and void. During normal operation, the batteries will be automatically remained in charged condition.
- Servicing of batteries should be performed or supervised by trained personnel with knowledge of batteries and the required precautions.
- When replacing batteries, it is necessary to replace ALL batteries with the same quantity, type & capacity.
- CAUTION Do not dispose of battery or batteries in a fire. The battery may explode.
- CAUTION Do not open or mutilate the batteries. The electrolyte from the batteries is toxic and harmful to the skin and eyes.
- CAUTION Risk of Electric Shock –Hazardous voltage may exist between battery terminals and ground. Test before touching with bare hands.
- CAUTION A battery can present a risk of electrical shock and high short circuit current.



The following precaution should be observed when working on batteries:

- 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. Disconnect charging source prior to connecting or disconnecting battery terminals.
- Do not plug or unplug the battery connector if UPS works in DC (discharging) mode.

Installation and Setup

NOTE: Before installation, please inspect the unit. Be sure that nothing inside the package is damaged. Please keep the original package in a safe place for future use.

Storage and Maintenance

The unit contains no user-serviceable parts. If the battery service life (3~5 years at 25°C ambient temperature) has been exceeded, the batteries must be replaced. In this case, please contact your dealer.

Be sure to deliver the depleted batteries to a recycling facility or ship it to your dealer in the package that contained the replacement batteries.

Storage

Before storing, charge the unit 4 hours. Store the unit covered and upright in a cool, dry location. During storage, recharge the battery in accordance with the following table:

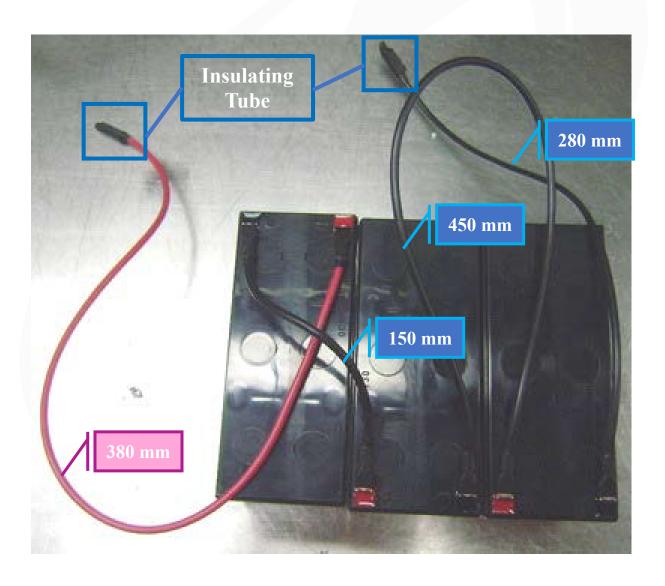
Storage Temperature	Recharge Frequency	Charging Duration
-25°C – 40°C	Every 3 Months	1-2 hours
40°C – 45°C	Every 2 Months	1-2 hours

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Firstly, connect the batteries in series with the three black wires, 450, 280, 150 mm length respectively. Slip the end of the 280mm black wire into the tube.

Secondly, connect the 380mm red cable to the battery and the other end into the insulating tube.

Note: The insulating tube could prevent a short circuit from a direct contact of the terminal.

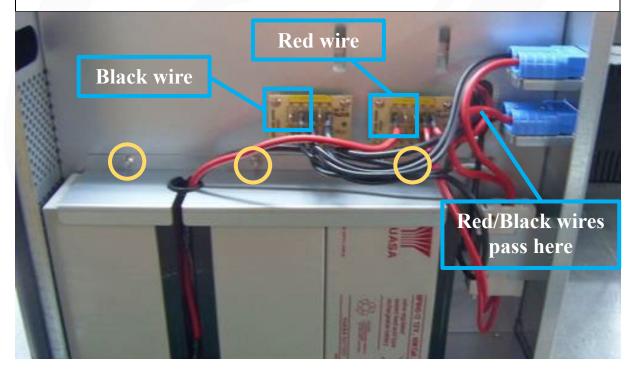


Put the three batteries in order as shown in the picture.

Note: Install the left one with the connector/ battery terminal side turned to the bottom. Both following batteries installed side by side with connector side turned to the top part.



Please use the in-package protective plastic to avoid sharp edges cutting through the cables. Organize the cables as shown in the picture, and place and screw the fixing plate on top of the batteries.



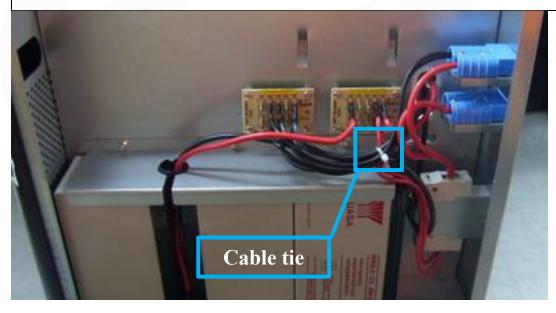
Remark: M4 screw nuts

Torque: 8KGF-CM

For the other side of the battery pack please do the wiring just as shown below.



Please use the in-package protective plastic to avoid sharp edges cutting through the cables. Organize the cables as shown in the picture.



Remark: 6x M3 flat-head screws

Torque: 8KGF-CM