



Power Shark Battery Box Manual

Part No. WVPSBBX10

PUT SOME BITE IN YOUR GEAR™

Powered by Whitevision

WHITEVISION***™

1. Introduction

Thank you for purchasing the Power Shark Battery Box by Whitevision. This product has been designed with great care and built to high standards of durability and reliability. When installed and used correctly, the Power Shark Battery Box will deliver dependable power wherever and whenever you need it.

2. Safety and Warnings

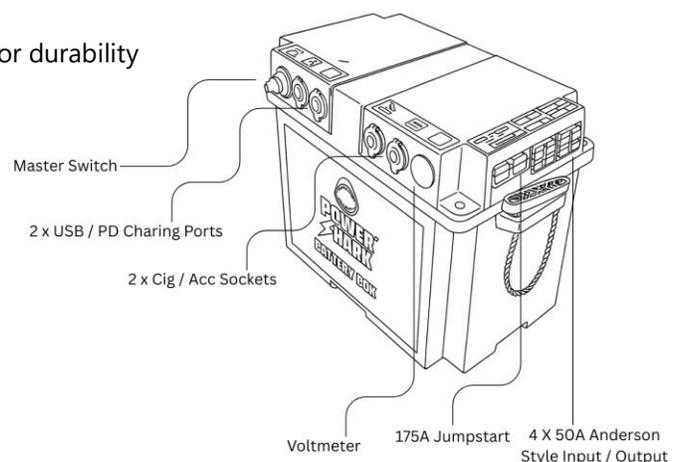
- This battery box is suited only for 12V rated batteries.
- Never allow children to operate or play with the battery box.
- For use with AGM, Calcium, Deep Cycle, or Lithium (LiFePO₄) batteries only.
- Do not use the jumpstart connector for jumpstarting when a lithium battery is installed.
- Always use a charger compatible with your battery type.
- Ensure no metal debris is inside the battery box before installing the lid.
- Ensure the lid is screwed tight before operation.
- Keep away from water, heat, sparks, or open flames.
- Do not insert metal objects into any sockets.
- Inspect terminals and wiring regularly.
- Disconnect immediately if heat, smoke, or unusual smell is detected.

3. Product Overview

The Power Shark Battery Box is a portable power management system designed to protect and enhance the functionality of your battery. It allows you to safely connect and power 12V appliances, charge your battery through multiple input options, and monitor system performance.

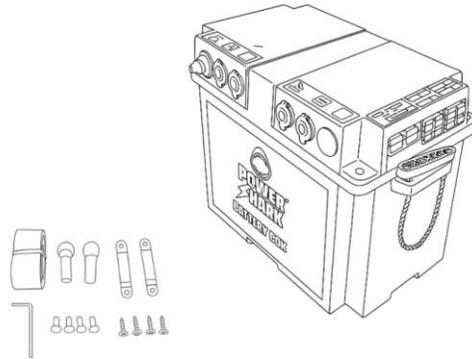
4. Key Features

- Heavy-duty polypropylene construction for durability
- Multiple 12V DC output sockets
- Integrated digital voltage display
- USB charging ports for small devices
- Circuit breaker or fuse protection
- Anderson-style input/output connectors
- Carry handles and non-slip base
- Secure battery strap and tie-down points



5. What's Included

- Main Battery Box
- Tie Down Strap – To secure the battery
- 2 × Tie Down Mounts
- 4 × Screws for Tie Down Mounts
- 4 × Lid Screws
- 1 × Allen Key
- 1 × Red Terminal Cap
- 1 × Black Terminal Cap



6. Installation & Operating Instructions

1. On a solid level surface, remove the lid and place a compatible 12V battery into the compartment, ensuring correct terminal orientation. Secure the battery with the strap.
2. Connect the + Positive (Red) cable on the lid to the + Positive (Red) battery terminal and the – Negative (Black) cable on the lid to the – Negative (Black) battery terminal. Ensure all terminals are tight. Use the terminal caps included for each battery terminal.
3. Ensure there are no loose parts or metal debris in the box. Carefully reinstall the lid, making sure no cables are pinched, and tighten using the supplied screws.
4. Turn the main master switch to the ON position.
5. Use the touch button on the voltmeter to test the box. A voltage reading should appear. Once a reading is visible, the battery box is ready for use to power 12V accessories or connect to suitable chargers.
6. If applicable mount the tie down mounts and use the tie down strap to secure the battery box to the application.

7. Operation

- Plug 12V devices into the designated accessory sockets.
- Use the USB ports for phones, cameras, or small electronics.
- Use Anderson connectors for charging from a DC source, solar panel, or compatible charger.
- Monitor the voltage display to avoid over-discharge (typically recharge at ~12.0V for lead-acid, ~12.8V for lithium).

8. Charging the Battery

- Charge the battery only with a charger suitable for your battery type.
- The box may be charged via the Anderson input connector (for DC or solar input) or a dedicated charging socket (if equipped).
- Always follow the charger manufacturer's instructions.

9. Maintenance

- Keep the battery box clean and dry.
- Periodically check for loose connections or corrosion.
- Do not store in damp or high-temperature environments.
- Recharge batteries fully before storage.

10. Important Operational Notes

- Do not exceed the maximum current of each input/output port.
- If an overload occurs, internal automatic reset circuit breakers protect most ports. Disconnect the device and wait one minute before attempting to repower, ensuring there are no short circuits.
- The 175A jump start socket is not fuse protected — use caution when using.
- Battery voltages are very important; low voltage may cause battery damage. Disconnect and turn off the battery box if voltage drops below 11.0V.
- This battery box is not intended for use with medical or life-saving equipment.
- The main switch must be in the ON position to use the battery box.

11. Specifications

Compatible Batteries

| Specification | Details |
|------------------------|-------------------------------------------------------------|
| Chemistry Types | AGM, Calcium, Deep Cycle, or Lithium (LiFePO ₄) |
| Maximum Battery Size | 330 mm (L) × 180 mm (W) × 240 mm (H) |
| Maximum Battery Weight | 35 kg |

Physical Characteristics

| Specification | Details |
|--------------------------------|--------------------------------------|
| Material | ABS |
| Operating Temperature Range | -10 °C to +60 °C |
| Overall Battery Box Dimensions | 420 mm (L) × 240 mm (W) × 340 mm (H) |
| Weight (Without Battery) | 3.2 kg |

Connection Ports

| Port Type | Quantity / Rating | Description |
|------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------|
| 50A Anderson Style Connectors | 4 × 50A (100A max combined) | Used for input/output (charging/discharging) |
| 175A Anderson Style Jump Start Connector | 1 × 175A | Used for jumpstarting when using a compatible battery (not with lithium batteries) |
| 12V Accessory / Cigarette Sockets | 2 × 12V, 10A rated | General-purpose 12V output |
| USB Charging Ports | 2 × Dual USB – USB 3.0 + USB-C PD 45W | High-speed charging for phones, tablets, and devices |
| Voltmeter | 1 × with on/off touch switch | Displays battery voltage |

12. Warranty

Whitevision warrants the Power Shark Battery Box against manufacturing defects for 24 months from the date of purchase. This warranty does not cover misuse, modification, or damage caused by incorrect installation or operation or any damage to any accessories or batteries using the battery box.

Upon a suspected faulty product being returned at the customer's expense, Whitevision will test the product and either repair, replace or refund the product at its discretion. Any faulty product must be returned to:

Whitevision Australia
Unit 2, 13-15 Brough Street
Springvale, Victoria 3171
Australia

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.