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PowQ B03

PowQ B03 4000A Portable Car Battery Jump Starter User Manual

Model: B03

1. Important Safety Information

Please read and understand all safety information before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Do not** jump start a frozen battery.
- **Do not** use the jump starter if the cables or clamps are damaged.
- **Do not** connect the positive (+) and negative (-) clamps together.
- **Do not** immerse the product in water.
- Keep out of reach of children.
- Ensure proper ventilation during use.
- This device is designed for 12V vehicle batteries only.



Image 1: The PowQ B03 jump starter features multiple safety protections including spark-proof technology, reverse-connection protection, short-circuit protection, over-current protection, over-voltage protection, and over-charge protection to ensure safe operation.

2. Product Overview

The PowQ B03 is a portable and powerful car battery jump starter designed to provide reliable starting power for 12-volt vehicle batteries. It also functions as an emergency power bank and features an integrated LED flashlight.

Key Features:

- **Powerful Jump Starting:** Delivers 4000A peak current, capable of starting all gasoline engines and diesel engines up to 10.0L.
- **Multi-Function Power Bank:** Equipped with USB ports to charge smartphones, tablets, and other USB-powered devices.
- **Integrated LED Flashlight:** Features multiple modes including constant light, SOS, strobe, and warning.

- **Advanced Safety Protections:** Includes spark-proof technology, reverse-connection protection, short-circuit protection, over-current protection, over-voltage protection, and over-charge protection.
- **Portable Design:** Compact and lightweight for easy storage and transport.



Image 2: The PowQ B03 jump starter, showcasing its compact design, digital display, and included accessories like the smart clamps and USB-C charging cable.

3. What's in the Box

Verify that all items are present in the package:

- PowQ B03 Portable Car Battery Jump Starter
- Smart Clamps (Jumper Cables)
- Type-C Charging Cable
- User Guide



Image 3: An illustration of the PowQ B03 Car Jump Starter and its included accessories: smart battery clamps, a Type-C charging cable, and the user guide.

4. Specifications

Feature	Specification
Model Number	B03
Peak Current	4000 Amps
Engine Compatibility	All Gasoline Engines, Diesel Engines up to 10.0L
Battery Type	Lithium Polymer

Feature	Specification
Input/Output	USB Type-C (Charging), USB-A (Power Bank Output)
Product Dimensions	8.58 x 5.43 x 3.31 inches
Item Weight	1.98 pounds
UPC	707457223586

5. Charging the Jump Starter

Before first use, fully charge the PowQ B03 jump starter. It is recommended to recharge the unit every 3-6 months to maintain optimal battery health, even when not in use.

1. Connect the provided Type-C charging cable to the 'IN' port on the jump starter.
2. Connect the other end of the Type-C cable to a USB wall adapter (not included) or a powered USB port.
3. The digital display will show the charging progress. The unit is fully charged when the display shows 100%.

6. Operating Instructions: Jump Starting a Vehicle

Follow these steps carefully to safely jump start your vehicle:

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off and all accessories (lights, radio, AC) are turned off. Place the vehicle in 'Park' (automatic) or 'Neutral' (manual) and engage the parking brake.
2. **Connect Smart Clamps:** Insert the blue plug of the smart clamps firmly into the jump starter's 12V output port. Ensure a secure connection.
3. **Connect to Battery:**
    - Connect the **red (+) clamp** to the vehicle's positive (+) battery terminal.
    - Connect the **black (-) clamp** to the vehicle's negative (-) battery terminal.
4. **Check Indicator:** The indicator light on the smart clamps will show the connection status. A solid green light indicates a correct and safe connection. If it's red or flashing, check connections and refer to the troubleshooting section.
5. **Start Vehicle:** Once the green light is solid, start your vehicle's engine.
6. **Remove Clamps:** After the engine starts, immediately remove the smart clamps from the vehicle battery (first black, then red) and then disconnect the clamps from the jump starter.



Image 4: The PowQ B03 jump starter connected to a vehicle battery, demonstrating the correct clamp placement for jump starting. The digital display shows the unit's charge level.

7. Operating Instructions: Using as a Power Bank

The PowQ B03 can charge various USB-powered devices.

1. Connect your device's USB charging cable to the 'OUT' USB port on the jump starter.
2. The jump starter will automatically begin charging your device.
3. Monitor your device's charging status. Disconnect when charging is complete.



Image 5: The PowQ B03 jump starter being used to charge a smartphone, highlighting its capability as an emergency power bank for various mobile devices.

8. Operating Instructions: Using the LED Flashlight

The integrated LED flashlight offers multiple modes for different situations.

1. Press and hold the power button for approximately 3 seconds to turn on the flashlight.
2. Press the power button briefly to cycle through the modes: Constant Light > SOS > Strobe > Warning Mode (red/blue flashing).
3. Press and hold the power button again for approximately 3 seconds to turn off the flashlight.



Image 6: A person utilizing the bright LED flashlight feature of the PowQ B03 jump starter to inspect an engine bay, illustrating its utility and the various available light modes (Flashlight, SOS, Strobe, Warning Mode).

9. Maintenance and Storage

Proper maintenance ensures the longevity and performance of your jump starter.

- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- **Charging:** Recharge the unit every 3-6 months to maintain battery health, especially if stored for extended periods.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight, moisture, and flammable materials. Keep it out of reach of children.
- **Cable Care:** Inspect the smart clamps and cables regularly for any signs of damage or wear. Replace if necessary.

10. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

- **Jump Starter Not Turning On:** Ensure the unit is charged. If the battery level is too low, it may not power on.
- **Smart Clamp Indicator Light is Red/Flashing:**
  - Check if the clamps are connected correctly to the battery terminals (red to positive, black to negative).
  - Ensure the clamps have a good connection to the battery terminals (clean off any corrosion).
  - The vehicle battery might be severely discharged or damaged.
- **Vehicle Not Starting After Jump:**
  - Ensure the jump starter has sufficient charge.
  - Allow a few minutes for the jump starter to transfer some charge to the vehicle battery before attempting to start.
  - The vehicle may have other mechanical issues preventing it from starting. Consult a mechanic.
- **Device Not Charging from USB Port:** Ensure the jump starter has sufficient charge. Check the USB cable and device for proper connection.

11. Warranty and Support

This PowQ B03 Portable Car Battery Jump Starter is designed for reliability and performance. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official PowQ website.
Please retain your proof of purchase for warranty claims.

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