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katoroe Q27B

Katoroe 4000A Jump Starter with Air Compressor

MODEL: Q27B - USER MANUAL

1. Introduction

Thank you for choosing the Katoroe 4000A Jump Starter with Air Compressor. This device is designed to provide reliable emergency jump-starting for vehicles, inflate tires, and serve as a portable power bank and LED light source. Please read this manual thoroughly before use to ensure proper operation and safety.

2. Important Safety Warnings

- Always wear eye protection when working with batteries.
- Do not attempt to jump-start a frozen battery.
- Ensure proper polarity connection (red clamp to positive, black clamp to negative) to avoid sparks or damage.
- Do not allow the red and black clamps to touch each other.
- Keep the device away from children.
- Do not expose the device to rain or extreme temperatures outside the specified operating range (-4°F to 140°F).
- Refer to your vehicle's owner's manual for specific jump-starting procedures.

3. Package Contents

Verify that all items are present in your package:

- 1 x Katoroe Jump Starter with Air Compressor
- 1 x Smart Jumper Cable

- 1 x USB-A to USB-C Charging Cable
- 1 x Pump Tube
- 3 x Air Nozzles
- 1 x User Manual



Image: Katoroe Jump Starter and its accessories.

4. Product Overview

The Katoroe 4000A Jump Starter is a multi-functional device featuring a powerful jump starter, a 150PSI air compressor, a power bank, and an LED light. It is designed for convenience and safety in various emergency situations.

HOW TO START CAR



STEP 1

Make sure the starter has sufficient power and plug the power cord into the 12V vehicle start port



STEP 2

Connect the Red clamp to vehicle battery's positive(+) terminal and Black clamp to vehicle's battery negative(-) terminal.



STEP 3

start your vehicle



STEP 4

Remove the jumper

Image: Key components and controls of the Katoroe Jump Starter.

Key Features:

- **4000A Peak Current:** Capable of jump-starting 12V vehicles with up to 9.0L gas or 7.0L diesel engines.
- **150PSI Air Compressor:** Quickly inflates tires and other inflatables. Features 4 selectable units (PSI, BAR, KPA, KG/cm²) and real-time tire pressure display.
- **Power Bank Functionality:** Equipped with one Type-C input port (5V/3A) and two USB-A output ports (5V/3A and 5V/2A) for charging electronic devices.
- **400 Lumen LED Light:** Includes Flashlight, SOS, and Strobe modes for various emergency scenarios.
- **Multiple Safety Protections:** Built-in safeguards against reverse polarity, short circuit, overcharge, overload, reverse charge, reverse connection, low voltage, over temperature, over current, and low temperature.

3-IN-1 LED LIGHT



Flashlight

Illumination: long press the power button



SOS modes

SOS: Short press the power button



Flash alternatively

Strobe: Short press the power button



Image: Overview of the 10 safety protection features.

5. Charging the Device

Before first use, fully charge the Katoroe Jump Starter. It is recommended to recharge the device every 3-6 months to maintain battery health.

1. Connect the provided USB-A to USB-C charging cable to the Type-C input port on the jump starter.
2. Connect the other end of the USB-A cable to a USB wall adapter (not included) or a powered USB port.
3. The display screen will indicate the charging status. Charge until the battery indicator shows 100%.

QUICK CHARGING



Input
5V/3A



Output
5V/3A



Output
5V/2A



Image: Charging the jump starter and using it as a power bank.

6. Jump-Starting a Vehicle

Ensure the jump starter has sufficient power before attempting to jump-start a vehicle.

1. **Step 1: Prepare the Jump Starter.** Make sure the jump starter is adequately charged. Plug the smart jumper cable into the 12V vehicle start port on the jump starter.
2. **Step 2: Connect to Vehicle Battery.** Connect the **RED** clamp to the vehicle's positive (+) battery terminal. Connect the **BLACK** clamp to the vehicle's negative (-) battery terminal. The smart jumper cable will indicate a successful connection.
3. **Step 3: Start Your Vehicle.** Once the smart jumper cable indicates a ready state, start your vehicle's engine.
4. **Step 4: Remove Jumper Cables.** After the vehicle starts, immediately remove the smart jumper cable's black clamp from the negative terminal, then the red clamp from the positive terminal. Disconnect the smart jumper cable from the jump starter.



Image: Katoroe Jump Starter connected to a car battery.



Image: Step-by-step guide for jump-starting a vehicle.

7. Using the Air Compressor

The integrated air compressor can inflate tires and other items up to 150 PSI.

1. **Connect the Pump Tube:** Screw the pump tube securely into the inflate interface on the jump starter.

2. **Attach Nozzle:** Select the appropriate air nozzle for your item (tire, ball, etc.) and attach it to the pump tube.
3. **Set Pressure:** Turn on the jump starter. Use the 'M' button to cycle through pressure units (PSI, BAR, KPA, KG/cm²). Use the '+' and '-' buttons to set the desired target pressure. The display will show the real-time pressure.
4. **Start Inflation:** Press the power button to begin inflation. The compressor will automatically stop once the preset pressure is reached.
5. **Disconnect:** Disconnect the nozzle and pump tube from the item and the jump starter.



Image: Using the Katoroe Jump Starter to inflate a tire.

8. Using as a Power Bank

The device features two USB-A output ports to charge your electronic devices.

1. Connect your device's USB charging cable to one of the USB-A output ports (5V/3A or 5V/2A) on the jump starter.
2. The jump starter will automatically begin charging your device.

QUICK CHARGING



Input
5V/3A



Output
5V/3A



Output
5V/2A



Image: Charging multiple devices simultaneously.

9. Using the LED Light

The built-in 400 lumen LED light offers three modes for various situations.

- **Flashlight Mode:** Long press the power button to turn on the flashlight.
- **SOS Mode:** Short press the power button again to switch to SOS mode (flashing S-O-S pattern).
- **Strobe Mode:** Short press the power button a third time to activate strobe mode (rapid flashing).
- **Turn Off:** Long press the power button to turn off the LED light.

10 SAFETY PROTECTION



Image: The Katoroe Jump Starter demonstrating its 3-in-1 LED light modes.

10. Specifications

Feature	Specification
Model	Q27B
Peak Output Current	4000 Amps
Engine Compatibility	Up to 9.0L Gas / 7.0L Diesel
Air Compressor Pressure	150 PSI
Input Port	Type-C (5V/3A)
Output Ports	USB-A (5V/3A), USB-A (5V/2A)
LED Light Output	400 Lumens
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Battery Type	Lithium Polymer
Item Weight	2.57 pounds

Product Dimensions	3 x 4 x 3 inches
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11. Troubleshooting

- **Device not turning on:** Ensure the device is charged. If it's fully charged and still not turning on, contact customer support.
- **Vehicle not starting:** Check that the jumper cables are correctly connected to the battery terminals (red to positive, black to negative). Ensure the jump starter has sufficient charge. If the vehicle still doesn't start after several attempts, there might be a different issue with the vehicle.
- **Air compressor not inflating:** Check that the pump tube and nozzle are securely attached. Verify that the desired pressure is set and the compressor is turned on. Ensure the device has enough power.
- **Air compressor makes noise but no pressure:** This could indicate a leak in the hose or a malfunction. Check connections. If the issue persists, contact customer support.
- **Smart jumper cable error indicator:** Refer to the smart jumper cable's specific error codes (if any) or disconnect and reconnect to ensure proper contact.

12. Care and Maintenance

- Store the device in a cool, dry place away from direct sunlight and moisture.
- Recharge the device at least once every 3-6 months to prolong battery life, even if not in use.
- Clean the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the charging ports and air compressor nozzle free from dust and debris.

13. Warranty and Support

Katoroe offers a **12-month replacement warranty** for this product from the date of purchase. We also provide lifetime technical support.

For any questions, technical assistance, or warranty claims, please contact Katoroe customer service through the retailer's platform or visit the official Katoroe website for contact information.