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› Povasee A40 Jump Starter & A8 Tire Inflator User Manual

Povasee A40 & A8

Povasee A40 Jump Starter & A8 Tire Inflator User Manual

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1. INTRODUCTION

Thank you for choosing the Povasee A40 Jump Starter and A8 Tire Inflator. This comprehensive bundle provides essential tools for roadside emergencies, ensuring you are prepared for dead batteries and flat tires. The A40 Jump Starter is designed to safely and efficiently jump-start vehicles, while the A8 Tire Inflator offers quick and accurate tire inflation. Please read this manual thoroughly before using the products to ensure safe and optimal operation.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the devices:

- Keep the devices away from children.
- Do not expose the devices to extreme temperatures, direct sunlight, or fire.
- Do not disassemble or modify the devices. This will void the warranty and may cause hazards.
- Use only the provided accessories and cables.
- Ensure proper ventilation during use and charging.
- Avoid contact with water or other liquids.
- If the device appears damaged, do not use it. Contact customer support.

- When jump-starting, ensure correct polarity connections to avoid sparks or damage.
- The A40 Jump Starter is designed to resist temperatures up to 140°F (60°C).



Image: The Povasee A40 Jump Starter connected to a car battery, highlighting its secure and heat-resistant design, capable of resisting temperatures up to 140°F. Various safety certifications (UL, CE, FC, RoHS) are visible.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all items listed below are present:

- Povasee A40 Jump Starter
- Smart Jumper Clamps
- USB-C Charging Cable
- Povasee A8 Tire Inflator
- Air Hose for A8 Tire Inflator
- Various Nozzle Adapters (for balls, bicycles, etc.)
- User Manuals for A40 and A8

WHAT'S IN THE BOX?



Image: The contents of the Povasee Portable Air Compressor (A8) box, neatly laid out. It includes the A8 inflator unit, an air hose, various nozzle adapters, and the user manual.

4. PRODUCT OVERVIEW

4.1 Povasee A40 Jump Starter

The A40 Jump Starter is a powerful and portable device designed to jump-start 12V vehicles. It also functions as a power bank and features an integrated flashlight.



Image: The Povasee A40 Jump Starter unit, shown with its smart jumper clamps. The digital display indicates a 100% charge level.



Image: A detailed view of the Povasee A40 Jump Starter's features, highlighting its 3-inch visible LED display, 600 lumen flashlight with three modes, and its function as a high-capacity 88Wh power bank. It also notes suitability for all 12V engines and a 24-month standby time.

4.2 Povasee A8 Tire Inflator

The A8 Tire Inflator is a portable air compressor designed for quick and accurate inflation of various items, including car tires, motorcycle tires, bicycle tires, and sports balls. It features an auto-stop function.

150PSI CAR TIRE INFLATOR PORTABLE AIR COMPRESSOR

Auto-Stop



≤1 min
25-36PSI

2X FASTER

Image: The Povasee A8 Tire Inflator in use, connected to a car tire. The digital display is visible, along with an indicator for its auto-stop function. It highlights 150PSI capability and 2X faster inflation.

5. SETUP

5.1 Charging the A40 Jump Starter

1. Connect the provided USB-C charging cable to the input port of the A40 Jump Starter.
2. Connect the other end of the USB-C cable to a USB wall adapter (not included) or a powered USB port.
3. The LED display will show the charging progress. Charge until the display shows 100%.
4. A full charge is recommended before first use and after each jump-start.

5.2 Charging the A8 Tire Inflator

1. Connect the provided USB-C charging cable to the input port of the A8 Tire Inflator.
2. Connect the other end of the USB-C cable to a USB wall adapter (not included) or a powered USB port.
3. The digital display will indicate charging status. Charge until fully charged.

6. OPERATING INSTRUCTIONS

6.1 Operating the A40 Jump Starter

6.1.1 Jump Starting a Vehicle

1. Ensure the A40 Jump Starter is sufficiently charged (at least 50% recommended).
2. Connect the smart jumper clamps to the A40 Jump Starter's output port.
3. Attach the **red** clamp to the vehicle's positive (+) battery terminal.
4. Attach the **black** clamp to the vehicle's negative (-) battery terminal.
5. Ensure the clamps are securely connected and the smart cable indicator light is green. If it's red, check connections or battery status.
6. Start the vehicle's engine.
7. Once the engine starts, immediately remove the clamps from the car battery, first the black, then the red.
8. Disconnect the smart clamps from the A40 Jump Starter.



Image: The Povasee A40 Jump Starter connected to a car battery, illustrating the process of jump-starting a dead battery. The image highlights the 'RST' button and indicates the device's capabilities: 5000A peak current, 12V output, 60 starts per charge, suitable for all gas and 10L diesel engines.

6.1.2 Using as a Power Bank

The A40 Jump Starter features USB output ports (Output 1: 5V/2.4A, Output 2: QC3.0) to charge mobile devices. Simply connect your device's charging cable to the appropriate USB port on the A40.

6.1.3 Using the Flashlight

Press and hold the power button to turn on the integrated 600 lumen flashlight. Press again to cycle through different modes (e.g., steady, strobe, SOS). Press and hold again to turn off.

6.2 Operating the A8 Tire Inflator

6.2.1 Inflating Tires

1. Connect the air hose to the A8 Tire Inflator.
2. Screw the air hose nozzle onto the tire valve stem.
3. Turn on the A8. The current tire pressure will be displayed.
4. Use the '+' and '-' buttons to set the desired pressure.

5. Press the power/start button to begin inflation. The inflator will automatically stop when the preset pressure is reached.
6. Disconnect the air hose from the tire valve and the inflator.

WIDE APPLICATION



Car
26-50 PSI



Motorcycle
26-43 PSI



Road Bike
30-145 PSI



Ball
4-16 PSI



Manual mode
3-150PSI



Image: The Povasee A8 Tire Inflator demonstrating its wide application range. It can be used for cars (26-50 PSI), motorcycles (26-43 PSI), road bikes (30-145 PSI), and balls (4-16 PSI), also featuring a manual mode for 3-150 PSI.

6.2.2 Pre-setting Pressure

The A8 allows you to pre-set the desired pressure. Use the mode button to select the unit (PSI, BAR, KPA) and the '+' / '-' buttons to adjust the target pressure before starting inflation.

6.2.3 Inflating Other Items

Use the appropriate nozzle adapter for inflating items like sports balls, bicycle tires, or inflatable toys. Attach the adapter to the air hose, then connect to the item and follow the inflation steps above.

7. MAINTENANCE

7.1 Storage

- Store both devices in a cool, dry place, away from direct sunlight and moisture.
- Keep them in their original packaging or a protective case to prevent damage.
- Ensure the devices are fully charged before long-term storage (every 3-6 months).

7.2 Cleaning

- Wipe the exterior of the devices with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.

7.3 Battery Care

- To prolong battery life, avoid completely draining the devices before recharging.
- Charge the devices regularly, even if not in use, to maintain battery health.

8. TROUBLESHOOTING

8.1 A40 Jump Starter Issues

Problem	Possible Cause	Solution
Vehicle does not start	Low charge on A40; incorrect clamp connection; severely dead battery; vehicle issue.	Ensure A40 is fully charged. Check clamp polarity and secure connection. Try pressing the 'RST' button if available. If still no start, the vehicle may have other issues.
Smart clamp indicator is red	Reverse polarity; short circuit; battery voltage too low.	Disconnect clamps and re-connect with correct polarity. If issue persists, the vehicle battery might be too low for safe jump-starting or there's a short.
A40 not charging	Faulty cable or adapter; damaged port.	Try a different USB-C cable and wall adapter. Ensure the charging port is clean and undamaged.

8.2 A8 Tire Inflator Issues

Problem	Possible Cause	Solution
Inflator not turning on	Low battery; power button not pressed correctly.	Charge the A8 Tire Inflator. Press and hold the power button for a few seconds.
Inflator not inflating	Hose not securely connected; valve stem blocked; desired pressure already met.	Ensure the air hose is tightly screwed onto the valve stem. Check for obstructions in the valve. Verify the preset pressure is higher than the current pressure.

Problem	Possible Cause	Solution
Inaccurate pressure reading	Loose connection; sensor issue.	Ensure the hose is securely connected. If readings remain inaccurate, contact support.

9. SPECIFICATIONS

9.1 Povasee A40 Jump Starter

- **Peak Current:** 5000A
- **Start Voltage:** 12V
- **Battery Capacity:** 88Wh
- **USB Output 1:** 5V/2.4A
- **USB Output 2:** QC3.0
- **DC Output:** 12V/8A
- **Flashlight:** 600 Lumens (3 modes)
- **Engine Compatibility:** All Gas, up to 10L Diesel
- **Standby Time:** Up to 24 months
- **Operating Temperature:** Resistant up to 140°F (60°C)

9.2 Povasee A8 Tire Inflator

- **Max Pressure:** 150 PSI
- **Input:** USB-C
- **Display:** Digital LED
- **Features:** Auto-Stop, Pre-set Pressure
- **Application:** Car, Motorcycle, Road Bike, Ball, Manual Mode

10. WARRANTY & SUPPORT

Povasee products are designed for reliability and performance. For warranty information, technical support, or any questions regarding your A40 Jump Starter or A8 Tire Inflator, please refer to the warranty card included in your package or visit the official Povasee website. Our customer service team is available to assist you with any concerns.