

Povasee A6

Povasee 5000A Jump Starter with Air Compressor Model A6 User Manual

Model: A6

INTRODUCTION

The Povasee 5000A Jump Starter with Air Compressor Model A6 is a versatile portable device designed to provide multiple essential functions for vehicle owners. It combines a powerful jump starter, a 150PSI tire inflator, a flashlight with SOS signaling, and a power bank. This manual provides detailed instructions for the safe and effective use of your device.

SAFETY INFORMATION

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

- Do not use the jump starter if the cables or clamps are damaged.
- Ensure proper polarity connection (red clamp to positive, black clamp to negative) to avoid sparks or damage.
- Do not jump start a frozen battery.
- Keep the device away from children.
- Do not expose the device to rain or wet conditions.
- Do not operate the air compressor continuously for extended periods. Allow it to cool down if it becomes seriously hot.
- Charge the device fully upon first receipt and recharge every 2-3 months to maintain battery health.
- It is recommended to start the car when the device's power is greater than 75%.
- The device incorporates 10 intelligent protection systems: reverse polarity, reverse charge, over discharge, reverse connection, short circuit, over charge, over current, over heat, spark resistance, and extreme temperature protection.



Image: Overview of the 10 intelligent safety protection features.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Povasee 5000A Jump Starter with Air Compressor (Model A6)
- 1 x Smart Jumper Cable
- 1 x USB-C Cable
- 1 x Pump Hose
- 4 x Air Nozzles (for various inflatables)
- 1 x User Manual
- 1 x Storage Case



Image: All components included in the Povasee A6 package.

PRODUCT OVERVIEW

Familiarize yourself with the various parts and functions of your Povasee A6 device.

ALL IN 1 MEET ALL YOUR NEED

JUMP STARTER & AIR COMPRESSOR & POWERBANK TIRE PRESSURE GAUGE & FLASHLIGHT



- | | | |
|---------------------------------|---------------------------|-------------|
| ① Digital display screen | ⑤ Mode/unit switch button | ⑨ |
| ② Preset pressure reduction key | ⑥ Power/Start gas button | ⑩ Input |
| ③ LED lighting button | ⑦ Air pump interface | ⑪ LED light |
| ④ Preset pressure plus key | ⑧ Start the outlet | |

Image: Labeled components of the Povasee A6 Jump Starter.

1. **Digital Display Screen:** Shows battery level, pressure readings, and operating status.
2. **Preset Pressure Reduction Key:** Decreases the target pressure for inflation.
3. **LED Lighting Button:** Activates the flashlight and SOS/strobe modes.
4. **Preset Pressure Plus Key:** Increases the target pressure for inflation.
5. **Mode/Unit Switch Button:** Toggles between inflation modes and pressure units (PSI, KPA, BAR).
6. **Power/Start Gas Button:** Powers the device on/off and initiates inflation.
7. **Air Pump Interface:** Connection point for the pump hose.
8. **Start the Outlet:** Connection point for the smart jumper cable.
9. **Input (USB-C):** For charging the device.
10. **LED Light:** Integrated flashlight.

SETUP

Initial Charging

Before first use, fully charge the Povasee A6 jump starter. Connect the provided USB-C cable to the device's input port and a suitable USB power adapter (not included). The digital display will indicate the charging status and battery level. A full charge ensures optimal performance and extends battery lifespan.

OPERATING INSTRUCTIONS

1. Jump Starting a Vehicle

Use this function to start 12V vehicles with up to 9L gas or 8L diesel engines.

1. Ensure the jump starter has sufficient charge (preferably above 75%).
2. Insert the smart jumper cable plug into the 'Start the Outlet' port on the jump starter.
3. Connect the red (+) clamp to the positive terminal of the vehicle's battery.
4. Connect the black (-) clamp to the negative terminal of the vehicle's battery.
5. Once connected, the smart cable's indicator light will show readiness. If the battery voltage is below 9V, press the "RST" button on the jump starter to initiate a restart.
6. Start your vehicle's engine.
7. Once the engine starts, immediately remove the black (-) clamp, then the red (+) clamp from the vehicle battery.
8. Disconnect the smart jumper cable from the jump starter.



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

2. Using the Air Compressor (Tire Inflator)

The integrated air compressor can inflate tires up to 150 PSI and features smart preset modes and auto-stop functionality.

1. Short press the power switch to turn on the device. The LCD will display the current pressure.
2. Press the 'Mode/Unit Switch Button' (5) to cycle through preset modes (car, motorcycle, bicycle, ball) or to change pressure units (PSI, KPA, BAR).
3. Use the 'Preset Pressure Plus Key' (4) and 'Preset Pressure Reduction Key' (2) to set your desired target pressure.
4. Screw the pump hose onto the tire valve stem. Ensure a secure connection. Attach the appropriate air nozzle if inflating other items (balls, bicycles).
5. Press the 'Power/Start Gas Button' (6) to begin inflation. The compressor will automatically stop once the preset pressure is reached.
6. Disconnect the pump hose from the tire valve.

Note: Avoid continuous operation of the air compressor for more than 25 minutes. If the unit becomes hot, allow it to cool down for several minutes before resuming use.



Image: Step-by-step guide for using the air compressor.

3. Using the Flashlight and SOS Function

The integrated LED light provides illumination and emergency signaling.

- Press the 'LED Lighting Button' (3) once to turn on the flashlight.
- Press again to cycle through modes: steady light, SOS signal, strobe light.
- Press a third time to turn off the light.



Image: The Povasee A6 providing illumination with its 800 lumen LED light.

4. Using as a Power Bank

The device can also serve as a portable power bank to charge your electronic devices via its USB-C output port.

- Connect your device's charging cable to the USB-C output port on the jump starter.
- The jump starter will automatically begin charging your device.

MAINTENANCE

- **Recharging:** Recharge the jump starter every 2-3 months, even if not in use, to activate the battery and prolong its lifespan.
- **Storage:** Store the device in its provided storage case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the device fully using the USB-C cable.
Vehicle does not start after jump starting.	Incorrect cable connection; vehicle battery too low; engine issue.	Ensure clamps are connected correctly (red to +, black to -). If battery is below 9V, press RST button. If problem persists, consult a mechanic.
Air compressor stops prematurely or overheats.	Continuous operation; high ambient temperature.	Allow the unit to cool down for several minutes. Avoid continuous operation exceeding 25 minutes.
Inaccurate tire pressure reading.	Loose hose connection; sensor error.	Ensure the pump hose is securely screwed onto the tire valve. If issue persists, compare with a known accurate gauge.

SPECIFICATIONS

- **Model:** A6
- **Peak Current:** 5000A
- **Start Voltage:** 12V
- **Engine Compatibility:** Up to 9L Gas / 8L Diesel
- **Tire Inflator Pressure:** 150 PSI (Max)
- **Inflation Speed:** Approximately 2 minutes to inflate a car tire to 20 PSI
- **Flashlight:** 800 Lumen LED with SOS/Strobe modes
- **Battery Type:** Lithium Polymer
- **Recharge Cycles:** 1500+
- **Standby Time:** Up to 24 months
- **Operating Temperature:** -22°F to 140°F (-30°C to 60°C)
- **Dimensions:** 1.9"D x 4.2"W x 7.7"H
- **Weight:** 1.5 Pounds

WARRANTY AND SUPPORT

The Povasee 5000A Jump Starter with Air Compressor Model A6 comes with a 24-month warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact Povasee customer service. Refer to the contact information provided in your purchase documentation or visit the official Povasee website.

- **Customer Service:** Available 7*24 hours.
- **Return Policy:** 30-day worry-free return policy.



Image: Icons representing customer service, return policy, and warranty.

© 2025 Povasee. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question