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Povasee A50

Povasee 3500A Jump Starter with Air Compressor User Manual

Model: A50

PRODUCT OVERVIEW

The Povasee A50 is a versatile all-in-one device designed for automotive emergencies and portable power needs. It functions as a powerful jump starter, a built-in tire inflator, a portable power bank, and an emergency LED flashlight.



Figure 1: Povasee A50 Jump Starter with Air Compressor and accessories.

This device is equipped with advanced safety features to ensure reliable and secure operation. Its compact design makes it an essential tool for any vehicle owner.

KEY FEATURES

- **All-in-One Functionality:** Combines a 3500A peak current jump starter, 150PSI tire inflator, 24W Type-C fast charging power bank, and an 800-lumen LED flashlight with multiple modes (constant, strobe, SOS).



Figure 2: The A50 can fast start a car battery within 1-3 seconds.

- **Built-in Intelligent 150 PSI Tire Inflator:** Features an LCD display for real-time tire pressure readings and an auto-stop function to prevent over-inflation. Inflates 205/65R15 car tires from 0 to 36PSI in approximately 7 minutes. Supports unit switching (BAR/PSI/KPA).

JUMP STARTER WITH AIR COMPRESSOR

for Car Tires/Bicycles/Balls/Inflatable boat/Inflatable Pool
205/65R15 car tires in just 7 min



Figure 3: Integrated air compressor for various inflation needs.

- **Powerful Start-Up Performance:** Delivers 3500A peak current, capable of starting 12V vehicles (all gas and up to 8.0L diesel engines). Can start a car up to 30 times on a single charge, even in extreme temperatures (-4°F to 140°F).
- **Dual Smart Display:** Two user-friendly intelligent displays show battery level, inflator mode, and real-time tire pressure for clear operation.
- **Humanized Design:** Equipped with two USB output ports (one QC3.0 for fast charging) for simultaneous device charging. Includes a DC port to power 12V car devices like cleaners or refrigerators.

PORTABLE POWER

WITH QC3.0 QUICK CHARGE

Charge 2 devices at the same time



Figure 4: Charge two devices simultaneously with QC3.0 fast charging.

- **Multiple Intelligent Secure Protection:** Features 10 protection systems including over-charge, over-current, short-circuit, reverse-polarity, low-temp, high-temp, over-voltage, over-load, spark-proof, and reverse-charge, ensuring user safety. Red/green indicators confirm correct usage.

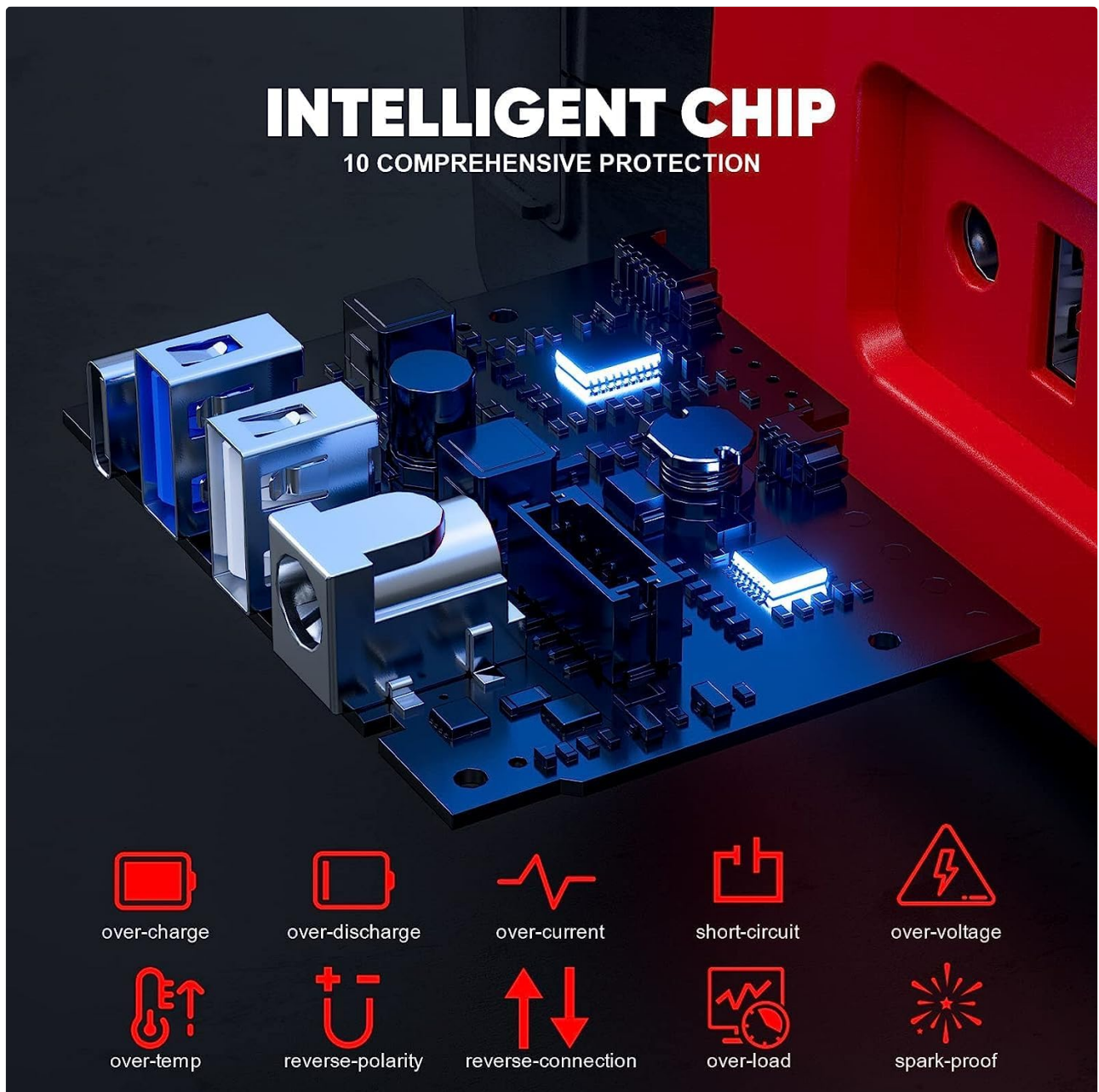


Figure 5: The intelligent chip provides comprehensive safety protection.

- **Emergency LED Light:** The 800-lumen LED light offers three modes: constant lighting, strobe lighting, and SOS, useful for various emergency situations.



Figure 6: The LED light offers constant, SOS, and strobe modes for emergencies.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Povasee Jump Starter with Air Compressor (Model A50)
- 1 x Smart Jump Cable
- 1 x USB-C Cable
- 1 x Pump Hose
- 3 x Air Nozzles
- 1 x DC 12V Cigarette Lighter Converter
- 1 x User Manual



Figure 7: All components included in the Povasee A50 package.

SETUP AND INITIAL USE

Charging the Jump Starter

Before first use, fully charge the Povasee A50. Use the provided USB-C cable and a compatible 24W (or higher) USB wall adapter (not included) to charge the unit. The dual smart display will indicate the battery level during charging.

1. Connect the USB-C cable to the input port on the jump starter.
2. Connect the other end of the USB-C cable to a suitable USB wall adapter.
3. Plug the wall adapter into a power outlet.
4. Allow the unit to charge until the display shows 100%.

Connecting the Smart Jump Cable

The smart jump cable connects to the dedicated port on the jump starter. Ensure a secure connection before attempting to jump start a vehicle.

1. Locate the jump cable port on the jump starter.
2. Insert the smart jump cable plug firmly into the port.
3. Ensure the red and black clamps are not touching each other.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

Follow these steps carefully to jump start your vehicle:

1. Ensure the jump starter is sufficiently charged.
2. Connect the red (+) clamp to the positive terminal of the vehicle's battery.
3. Connect the black (-) clamp to the negative terminal of the vehicle's battery.

4. Ensure the smart jump cable is securely plugged into the jump starter.
5. Check the indicator light on the smart jump cable:
 - **Solid Green:** Ready to start.
 - **Solid Red:** Reverse polarity detected. Disconnect and re-connect clamps correctly.
 - **Flashing Red:** Battery voltage too low or other error. Refer to troubleshooting.
6. Once the indicator is solid green, start the vehicle's engine.
7. After the vehicle starts, immediately remove the black (-) clamp from the vehicle battery.
8. Then, remove the red (+) clamp from the vehicle battery.
9. Disconnect the smart jump cable from the jump starter.

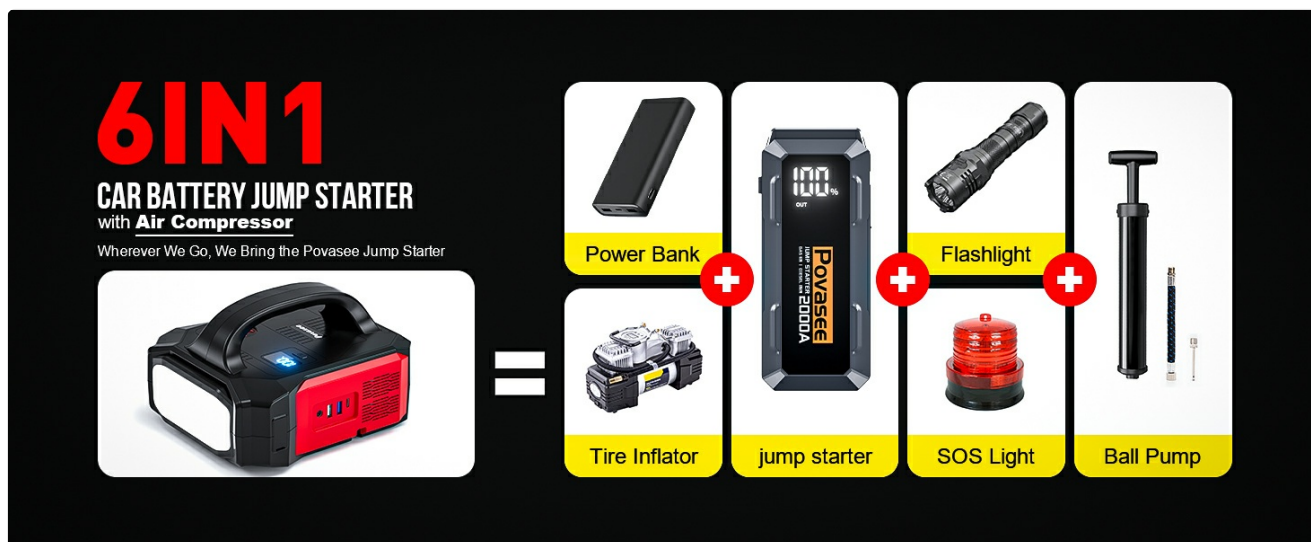


Figure 8: Visual guide for jump starting a car.

Using the Tire Inflator

The built-in air compressor can inflate tires and other inflatables:

1. Short press the power button on the jump starter to activate the display.
2. Connect the pump hose to the tire valve stem.
3. Press the 'R' button to cycle through pressure units (PSI, BAR, KPA).
4. Use the '+' and '-' buttons to set the desired tire pressure. The maximum pressure is 150 PSI.
5. Turn on the air compressor switch (located on the side of the unit).
6. The inflator will automatically stop once the preset pressure is reached.
7. Disconnect the pump hose from the tire valve.
8. Use the included air nozzles for inflating balls, swimming rings, etc.

10 SAFETY FEATURES

Powered by the Intelligent Secure Protection
Safe lipo battery systems to protect your batteries.

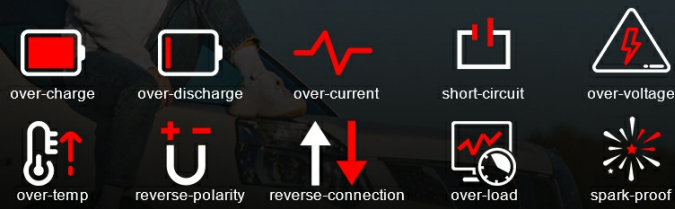


Figure 9: Visual guide for using the tire inflator.

Using as a Power Bank

The A50 can charge your electronic devices:

1. Connect your device's USB charging cable to one of the USB output ports (USB1 is QC3.0 fast charge).
2. The jump starter will automatically begin charging your device.
3. For 12V car devices, use the provided DC 12V Cigarette Lighter Converter and connect it to the DC output port.

Using the LED Light

The integrated LED light has three modes:

1. Press the light button once for constant illumination.
2. Press again for strobe mode.
3. Press a third time for SOS signal mode.
4. Press a fourth time to turn off the light.

MAINTENANCE

- **Charging:** For optimal battery life, it is recommended to fully charge the unit every 3-6 months, even if not in use.
- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures. Keep it in a protective pouch or bag to prevent damage.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are free of dust and debris.
- **Cable Care:** Inspect jump cables and air hose for any signs of wear or damage before each use. Replace if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on/display is blank.	Battery is completely discharged.	Charge the unit fully using the provided USB-C cable and a compatible wall adapter.
Vehicle does not start after connecting.	Incorrect cable connection; Jump starter battery too low; Vehicle battery severely damaged.	Ensure clamps are connected to correct battery terminals (red to +, black to -). Check jump starter battery level. If vehicle battery is completely dead or damaged, professional assistance may be required.
Tire inflator not working or not reaching desired pressure.	Hose not securely connected; Air compressor switch off; Unit battery low.	Ensure pump hose is tightly screwed onto the valve stem. Verify the air compressor switch is ON. Charge the jump starter.
LED light not functioning.	Light button not pressed correctly; Unit battery low.	Press the light button multiple times to cycle through modes. Charge the jump starter.

SPECIFICATIONS

Specification	Value
Brand	Povasee
Model	A50
Product Dimensions	8.23"D x 7.17"W x 4.92"H
Item Weight	4.38 pounds
Peak Output Current	3500 Amps
Max Tire Inflator Pressure	150 PSI
Battery Type	Lithium Polymer (1 required, included)
Automotive Fit Type	Universal Fit
UPC	732688095183

WARRANTY AND SUPPORT

Povasee provides a **24-month warranty** for this Jump Starter with Air Compressor. This warranty covers manufacturing defects and ensures reliable performance of your product.

Additionally, a **30-day worry-free return policy** is offered for your convenience.

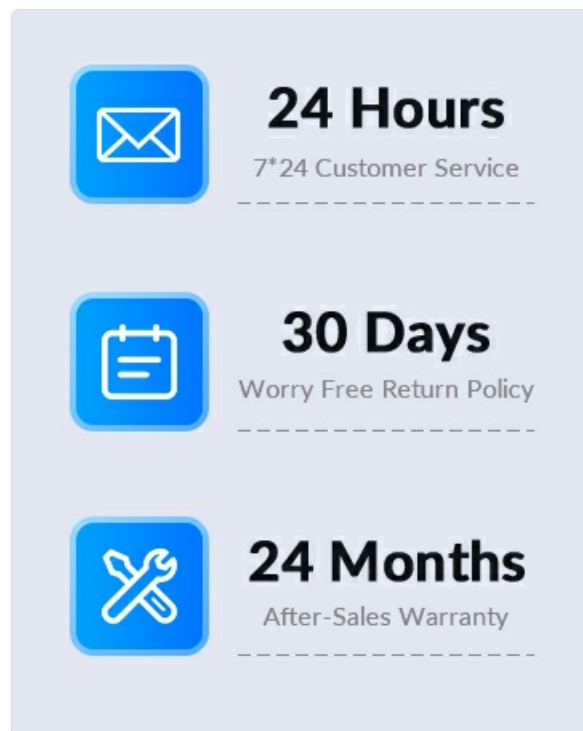




Figure 10: Warranty and customer support information.

For any after-sales questions, technical support, or warranty claims, please feel free to contact Povasee customer service. Refer to the contact information provided in your original purchase documentation or visit the official Povasee website.

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Related Documents - A50

 <p>User Manual Car Battery Jump Starter Power Pack</p>	<p>Povasee A30 3000A Car Battery Jump Starter User Manual</p> <p>Comprehensive user manual for the Povasee A30 3000A Car Battery Jump Starter Power Pack. Includes specifications, package contents, detailed operating instructions for starting cars and using features like the LED flashlight and USB outputs, troubleshooting tips, warnings, and warranty information.</p>
 <p>User Manual Jump Starter Battery Pack</p>	<p>Povasee A20 Jump Starter Battery Pack User Manual</p> <p>Comprehensive user manual for the Povasee A20 Jump Starter Battery Pack, detailing specifications, features, operation, troubleshooting, and warranty information.</p>

Povasee



User Manual

Car Battery Jump Starter
povaseeteam@gmail.com

[Povasee A30 Car Battery Jump Starter User Manual](#)

Comprehensive user manual for the Povasee A30 Car Battery Jump Starter, detailing specifications, package contents, key features, getting started instructions, car starting procedures, troubleshooting, and warranty information.