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› [AUXITO J302 Portable Car Jump Starter User Manual](#)

AUXITO J302

AUXITO J302 Portable Car Jump Starter User Manual

Model: J302

Brand: AUXITO

1. INTRODUCTION

The AUXITO J302 is a versatile 3-in-1 device designed for automotive emergencies and outdoor activities. It functions as a powerful 7000A peak current jump starter for vehicles, a 16000mAh portable power bank for electronic devices, and a 4000LM foldable LED camping light. This manual provides detailed instructions for safe and effective use of your AUXITO J302.



Image 1: The AUXITO J302 Portable Car Jump Starter, showing its main unit, jumper cables, and the foldable light panel.

2. PRODUCT CONTENTS

Please verify that all items are present in your package:

- 1x Jump Starter (AUXITO J302 main unit)
- 1x Smart Clip (Jumper Cables with intelligent protection)
- 1x USB-A to C Charging Cable
- 1x Storage Bag
- 1x Hanging Tape (for camping light)
- 1x User Manual (this document)



Image 2: All components included in the AUXITO J302 package.

3. KEY FEATURES

- **Robust Jump Starting Capability:** 7000A peak current, capable of up to 60 jumpstarts on a full charge. Safely starts all gas engines and up to 12L diesel engines, suitable for 12V vehicles, motorcycles, pickups, RVs, trucks, vans, and ATVs.
- **Intelligent Booster Mode:** Advanced auto-detection technology analyzes battery voltage and health, automatically activating a high-current boost for weak or dead batteries without manual intervention. This prevents potential damage to the battery or vehicle ECU.
- **Multi-functional 3-in-1 Design:** Combines a car jump starter, a portable power bank, and a camping light, making it ideal for various outdoor and emergency needs.
- **Powerful Foldable Camping Light:** Features a super bright 4000 Lumens LED with a dual-panel design, providing 360° to 180° area illumination. Offers four switchable modes: Cool White, Warm Yellow, Yellow White, and Strobe. Includes a built-in hangable tape for versatile placement.
- **High-capacity Power Bank:** Equipped with a 16000mAh battery, easily rechargeable via any powered USB port. Capable of quickly charging smartphones, tablets, cameras, GPS systems, and other portable devices.
- **Upgraded Security Protection:** Incorporates 12 intelligent protection functions to prevent misuse and sparks, ensuring safe operation. The jump starter cable features durable all-metal clamps for long-term reliability.

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Video 1: An official product video demonstrating the AUXITO Car Battery Jump Starter's 3-in-1 multi-functionality, including jump starting, power bank, and camping light features.

4. SETUP

4.1 Initial Charging

Before first use, fully charge your AUXITO J302. It is recommended to charge the device every 3-6 months to maintain battery health, even when not in use.

- Connect the provided USB-A to C charging cable to the Type-C input port on the jump starter.
- Connect the other end of the USB-A cable to a powered USB port (e.g., car charger, wall adapter, computer USB port).
- The indicator lights on the unit will show charging progress. All lights will be solid when fully charged.



Image 3: The AUXITO J302 can be recharged using a car charger or a standard wall adapter.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

Ensure the jump starter is fully charged before attempting to jump start a vehicle.

- 1. Insert the Smart Clip:** Firmly insert the blue end of the smart clip (jumper cables) into the jump starter's designated port. Ensure a secure connection.
- 2. Connect to Battery:** Attach the red clamp to the positive (+) terminal of the vehicle's battery and the black clamp to the negative (-) terminal. The smart clip's indicator light will show the connection status. A solid green light indicates a correct and ready connection.
- 3. Start Engine:** Once the smart clip shows a solid green light, start your vehicle's engine. If the engine does not start immediately, wait 30 seconds before trying again. Do not attempt more than 3 consecutive jump starts.
- 4. Remove Cables:** After the engine starts, immediately remove the smart clip from the vehicle battery terminals, then disconnect it from the jump starter.



Image 4: Visual guide for the three-step jump starting process: Insert the smart clip, connect to the battery, and start the engine.

5.2 Using as a Power Bank

The AUXITO J302 can charge various electronic devices.

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

EMERGENCY POWER BANK



Type-C Input
5V/3A, 9V/2A, 12V/1.5A



USB Output
5V/2.4A

Image 5: The AUXITO J302 functioning as a portable power bank, charging a smartphone and a tablet.

5.3 Operating the Camping Light

The integrated LED light offers multiple modes for various situations.

- **To Turn On/Change Mode:** Press the power button on the unit to cycle through the four lighting modes: Cool White, Warm Yellow, Yellow White, and Strobe (SOS).
- **To Turn Off:** Long press the power button in any light state to turn off the light.
- **Foldable Design:** The dual light panels can be adjusted to provide 360° or 180° illumination.
- **Hanging Option:** Use the included hanging tape to suspend the light from a tent, bag, or other suitable fixture for

hands-free illumination.

4 LIGHTING MODES TO CHOOSE



Image 6: The four distinct lighting modes available on the AUXITO J302's integrated camping light.

6. SAFETY INFORMATION

The AUXITO J302 is equipped with 12 intelligent protection functions to ensure safe operation. However, always follow these general safety guidelines:

- Do not short-circuit the jumper clamps.
- Do not connect the red and black clamps together.
- Do not disassemble the unit.
- Keep out of reach of children.
- Do not expose to extreme temperatures or direct sunlight for prolonged periods.
- Do not immerse in water.
- Ensure proper ventilation during use and charging.
- If the smart clip indicates an error (e.g., reverse polarity, low voltage), refer to the troubleshooting section or disconnect and re-evaluate the connection.

6.1 SmartProtect System

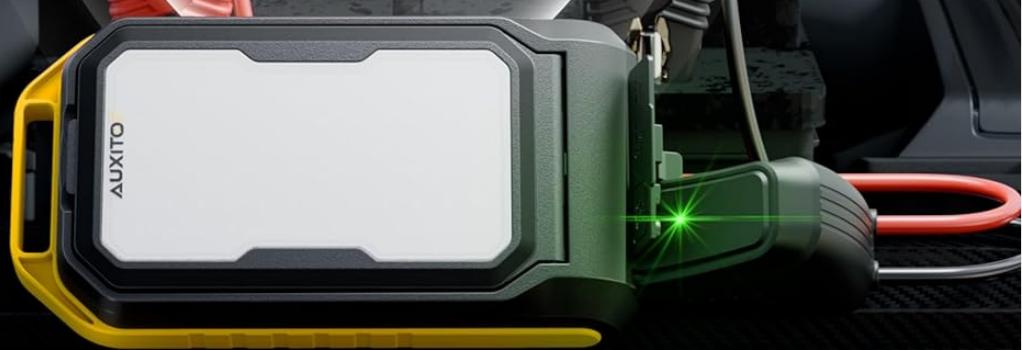
The built-in SmartProtect System provides comprehensive safety, including protection against:

- Over voltage
- Over discharge
- Electric leakage
- Reverse charging
- Over charge
- Over current
- Over load
- Reverse polarity
- Low temperature
- High temperature
- Anti-spark
- Reverse charging (duplicate, but keeping as per source)

SMARTPROTECT SYSTEM

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Comprehensive Safety



 Over voltage

 Over Discharge

 Electric Leakage

 Reverse charging

 Over charge

 Over current

 Over load

 Reverse polarity

 Low temp

 High temp

 Anti spark

 Reverse charging

Image 7: Visual representation of the 12 comprehensive safety features integrated into the AUXITO J302's SmartProtect System.

7. SPECIFICATIONS

Attribute	Value
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Attribute	Value
Brand	AUXITO
Model	J302
Product Dimensions	5.2"D x 9.68"W x 4.8"H
Amperage	7000 Amps
Peak Output Current	7000 Amps
Item Weight	3.05 pounds
Battery Type	Lithium Ion (1 included)
Power Bank Capacity	16000mAh
Camping Light Lumens	4000 Lumens
Engine Compatibility	All Gas, up to 12L Diesel

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AUXITO J302.

- Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Charging:** Recharge the unit every 3-6 months, even if not used, to prevent deep discharge and prolong battery life.
- Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Cable Care:** Inspect the jumper cables and clamps regularly for any signs of damage, wear, or corrosion. Replace if necessary.

9. TROUBLESHOOTING

If you encounter issues with your AUXITO J302, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle won't start after jump attempt.	Jump starter battery low; incorrect connection; vehicle battery severely damaged; other vehicle issues.	Ensure jump starter is fully charged. Recheck cable connections (red to +, black to -). If smart clip shows error, refer to its indicators. Consult a mechanic if vehicle issues persist.

Problem	Possible Cause	Solution
Smart clip indicator light is not green.	Incorrect connection; low voltage on vehicle battery; smart clip malfunction.	Verify correct polarity. Ensure clamps have good contact with battery terminals. If light is red or flashing, refer to smart clip's specific error codes (if available) or try again after a few minutes.
Unit not charging.	Charging cable faulty; power source issue; unit malfunction.	Try a different USB-C cable. Test with a different USB power adapter/port. Ensure the charging port on the unit is clean and free of debris.
Camping light not working.	Battery low; light mode not selected; unit malfunction.	Charge the unit fully. Press the power button to cycle through modes. Long press to ensure it's not just off.

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For further assistance, please contact AUXITO customer support.