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› [KOPUO](#) /

› [KOPUO R25S Car Jump Starter and Air Compressor User Manual](#)

KOPUO R25S

KOPUO R25S Car Jump Starter and Air Compressor User Manual

Model: R25S

1. INTRODUCTION

Thank you for choosing the KOPUO R25S Car Jump Starter and Air Compressor. This device is designed to provide reliable emergency power for jump-starting vehicles and inflating tires, along with other useful features like a portable power bank and LED flashlight. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- KOPUO R25S Car Jump Starter Unit
- Smart Jumper Cables
- 3-in-1 Multiple Connector Charger Cable (Micro USB/USB Type C)
- Portable EVA Storage Case
- User Manual
- Hidden Compass
- Air Hose
- Various Valve Adapters

3. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device and vehicle:

- Do not attempt to jump-start a frozen battery.
- Ensure proper polarity connection (red clamp to positive, black clamp to negative). Reverse polarity can cause 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 immerse it in water.
- Operate in a well-ventilated area.
- If the device becomes excessively hot during use, discontinue operation immediately.
- Do not disassemble the unit.



Image 3.1: Smart Clamps Protection. This image illustrates the various safety protections integrated into the smart clamps, including over-charge, low voltage, reverse polarity, high-temperature, short circuit, low-temperature, over-load, over-discharge, spark-proof, and over-current protection.

4. PRODUCT OVERVIEW

The KOPUO R25S is a multi-functional device designed for automotive emergencies and portable power needs. It features a powerful jump starter, an integrated air compressor, a digital display, and an LED flashlight.



Image 4.1: KOPUO R25S Jump Starter. This image shows the main jump starter unit in red and black, with the smart jumper cables attached. The digital display is visible, indicating '100%' charge.

4.1. Digital Display

The integrated LED digital display provides real-time information about the device's battery status and, when using the air compressor, precise pressure readings in various units.

Smart Power Digital Display

Large number display

Remaining power at a glance



Image 4.2: Smart Power Digital Display. A close-up view of the jump starter's digital display, clearly showing '100%' and 'OUT', indicating full battery and output readiness.

4.2. Dimensions



Image 4.3: Product Dimensions. This image provides the physical dimensions of the KOPUO R25S unit: 16.5cm (6.5 inches) in height, 8cm (3.15 inches) in width, and 3.5cm (1.38 inches) in depth.

5. SETUP

5.1. Initial Charging

Before first use, fully charge the KOPUO R25S unit. Connect the provided USB charging cable to the device's input port and a suitable USB power adapter (not included). The digital display will indicate the charging progress. A full charge is recommended for optimal performance.

6. OPERATING INSTRUCTIONS

6.1. Jump Starting a Vehicle

The KOPUO R25S can jump-start vehicles with up to 8.5L gas engines and 7L diesel engines.

PORTABLE CAR STARTER

4000A



1.0L



1.5L



5L



7L



8.5L

12V 8.5L | **12V 7L**
GAS | **DIESEL**

Image 6.1: Vehicle Compatibility. This image illustrates the KOPUO R25S's compatibility with various vehicles, including cars (up to 8.5L gas, 7L diesel), motorcycles (1.5L), and lawnmowers (1.0L).

1. Ensure the jump starter is sufficiently charged (above 50% is recommended).
2. Turn off the vehicle's ignition and all accessories.
3. Connect the red (+) clamp of the smart jumper cables to the positive (+) terminal of the vehicle's battery.
4. Connect the black (-) clamp of the smart jumper cables to the negative (-) terminal of the vehicle's battery.
5. Plug the smart jumper cable connector into the jump starter's output port.
6. Once the smart clamps indicate a ready status (usually a solid green light), start the vehicle.
7. After the vehicle starts, immediately disconnect the smart jumper cable connector from the jump starter.
8. Then, disconnect the black (-) clamp, followed by the red (+) clamp from the vehicle battery.



Image 6.2: Jump Starting Connection. This image shows the KOPUO R25S jump starter connected to a car battery using the smart jumper cables, demonstrating the correct setup for jump-starting a vehicle.

6.2. Using the Air Compressor

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

1. Connect the air hose to the air output port on the jump starter.
2. Attach the appropriate valve adapter to the air hose and then to the tire valve.
3. Power on the air compressor function. The digital display will show the current tire pressure.
4. Set the desired pressure using the controls (refer to the device's specific buttons for adjustment).
5. The compressor will automatically stop once the preset pressure is reached.
6. Disconnect the air hose from the tire valve and the jump starter.

6.3. LED Flashlight

The KOPUO R25S includes a bright LED flashlight with multiple modes for various situations.

- **Lighting Mode:** For general illumination.
- **SOS Mode:** Emits an SOS signal for emergency situations.

- **Strobe Mode:** Provides a flashing light for signaling or warning.

To activate and cycle through modes, press the flashlight button (refer to the device for button location).



Image 6.3: Bright LED Flashlight. This image highlights the three LED modes: Lighting, SOS, and Strobe, demonstrating the flashlight's utility in various scenarios such as outdoor camping, roadside emergencies, power failures, and car repair.

6.4. Portable Power Bank Function

The device can also serve as a portable power bank to charge your electronic devices.

1. Connect your device's charging cable to the USB output port on the jump starter.
2. The jump starter will begin charging your device.
3. Monitor the jump starter's digital display for its remaining battery level.

PORTABLE POWER BANK

Power Up Your Devices Easily



Image 6.4: Portable Power Bank. This image shows the KOPUO R25S jump starter connected via USB cables to charge a tablet and a smartphone, illustrating its function as a portable power bank.

7. MAINTENANCE

- **Recharging:** Recharge the unit after each use, especially after jump-starting, to maintain battery health. It is recommended to recharge the unit every 3-6 months even if not used, to prevent deep discharge.
- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. The KOPUO R25S is designed to withstand temperatures from -20°C (-4°F) to +60°C (+140°F).

NO FEAR OF EXTREME TEMPERATURES



-4°F/-20°C



+140°F/+60°C

Image 7.1: Extreme Temperature Resistance. This image demonstrates the KOPUO R25S's ability to operate in a wide range of temperatures, from -20°C (-4°F) to +60°C (+140°F), suitable for both cold and hot environments.

8. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is charged. If not, connect it to a charger.
- **Vehicle not starting after jump-start attempt:** Check that the jumper cables are securely connected to the correct battery terminals. Ensure the jump starter has sufficient charge. The vehicle battery might be severely damaged and require professional assistance.
- **Air compressor not inflating:** Check that the air hose is securely connected to both the device and the tire valve. Ensure the device has sufficient charge. Verify that the desired pressure is set correctly.
- **Smart clamps indicator light not green:** This could indicate incorrect connection, low jump starter battery, or a severely discharged/damaged vehicle battery. Recheck connections and device charge.

9. SPECIFICATIONS

Brand	KOPUO
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Model	R25S
Peak Output Current	4000 Amps
Engine Compatibility	Up to 8.5L Gas / 7L Diesel
Battery Type	Lithium Ion
Air Compressor Pressure	Up to 150 PSI
Product Dimensions (D x W x H)	1.38" x 3.15" x 6.5"
Item Weight	1.5 Pounds

10. WARRANTY AND SUPPORT

The KOPUO R25S comes with 2 years of technical support and 24/7 customer service. If you encounter any issues or have questions regarding your jump starter, please contact KOPUO customer service for assistance. For support, please refer to the contact information provided on the product packaging or the official KOPUO website.