

KOPUO R66

KOPUO R66 Car Jump Starter and 150 PSI Air Compressor User Manual

Model: R66

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your KOPUO R66 Car Jump Starter with integrated 150 PSI Air Compressor. This device is designed to provide emergency jump-starting for vehicles and inflate tires, ensuring you are prepared for roadside situations.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Keep out of reach of children.
- Do not operate the unit if it is damaged.
- Ensure proper ventilation during use.
- Do not expose the unit to rain or wet conditions.
- Avoid short-circuiting the jump starter terminals.
- Always connect the positive (+) clamp to the positive (+) terminal and the negative (-) clamp to the negative (-) terminal or vehicle chassis.
- Disconnect the clamps in reverse order after jump-starting.
- Do not use the air compressor continuously for more than 10 minutes to prevent overheating. Allow it to cool down for 15 minutes before resuming use.
- Wear eye protection when operating the unit.
- Store the unit in a cool, dry place.

SMART CLAMPS PROTECTION



Figure 2.1: Smart Clamps Protection. This image illustrates the various safety protections integrated into the smart jumper clamps, including over-charge, low voltage, reverse polarity, high-temperature, short circuit, low-temperature, over-load, over-discharge, and spark-proof protection.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- KOPUO R66 Jump Starter Unit
- Smart Jumper Cables
- USB Type-C Charging Cable
- Air Hose
- Multiple Valve Adapters (e.g., for bicycle tires, balls, inflatables)
- Storage Case
- User Manual (this document)



Figure 3.1: What's in the Box. This image displays all components included with the KOPUO R66 unit: the jump starter, smart jumper cables, air hose, various valve adapters, USB-C charging cable, and a protective storage case.

4. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your KOPUO R66 unit.



Figure 4.1: KOPUO R66 Main Unit. This image shows the KOPUO R66 jump starter and air compressor unit, including the digital display, control buttons, air hose connection, and jumper cable port.

4.1. Controls and Indicators

- **Digital Display:** Shows battery level, air pressure (PSI, BAR, KPA), and operational status.
- **Power Button:** Turns the unit on/off, activates flashlight.
- **Mode Button (M):** Cycles through inflation modes or pressure units.
- **Plus (+) / Minus (-) Buttons:** Adjusts target air pressure.
- **Start/Stop Button (S):** Initiates or stops the air compressor.
- **Jump Start Port:** For connecting smart jumper cables.
- **Air Hose Port:** For connecting the air hose.
- **USB Output Port:** For charging external devices.
- **USB-C Input Port:** For charging the jump starter unit.
- **LED Flashlight:** Provides illumination.



Figure 4.2: Digital Display Interface. This image highlights the LED digital display, showing both the real-time pressure value and the preset target pressure, along with units (PSI, BAR, KPA) and battery status indicators.

5. SETUP

5.1. Charging the Unit

Before first use, fully charge the KOPUO R66 unit. It is recommended to charge the unit every 3-6 months to maintain battery health.

1. Connect the provided USB Type-C charging cable to the unit's USB-C input port.
2. Connect the other end of the USB cable to a 5V/2A or higher USB wall adapter (not included).
3. The digital display will show the charging status. The unit is fully charged when the battery indicator shows full.

6. OPERATING INSTRUCTIONS

6.1. Jump Starting a Vehicle

Ensure the jump starter is at least 50% charged before attempting to jump start a vehicle.

1. Turn off the vehicle's ignition and all accessories.
2. Connect the smart jumper cables to the jump start port on the KOPUO R66 unit. Ensure a secure connection.
3. Connect the **RED** positive (+) clamp to the vehicle's positive (+) battery terminal.
4. Connect the **BLACK** negative (-) clamp to the vehicle's negative (-) battery terminal or a solid, unpainted metal part of the engine block/chassis.
5. Once connected, the smart cable indicator light will show its status (e.g., solid green for ready).
6. Start the vehicle's engine. If it doesn't start immediately, wait 30 seconds and try again. Do not crank for more than 3 seconds per attempt.
7. Once the vehicle starts, immediately disconnect the **BLACK** negative (-) clamp first, then the **RED** positive (+) clamp.
8. Disconnect the smart jumper cables from the KOPUO R66 unit.

CAUTION: Do not touch the red and black clamps together once connected to the jump starter. Do not attempt to jump start a vehicle with a severely damaged or frozen battery.

6.2. Using the Air Compressor

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

1. Connect the air hose to the air hose port on the KOPUO R66 unit.
2. Attach the appropriate valve adapter to the air hose, if necessary, and then securely connect it to the item you wish to inflate (e.g., tire valve stem).
3. Turn on the KOPUO R66 unit. The digital display will show the current pressure.
4. Press the **M** (Mode) button to cycle through pressure units (PSI, BAR, KPA) or select a preset inflation mode (car, motorcycle, bicycle, ball).
5. Use the **+** and **-** buttons to set your desired target pressure.
6. Press the **S** (Start/Stop) button to begin inflation. The compressor will automatically stop once the preset pressure is reached.
7. Disconnect the air hose from the item and the KOPUO R66 unit.

RAPID INFLATION FROM 28-36PSI ≤ 1 MIN

Tackle Emergencies With Confidence



Figure 6.1: Rapid Inflation Feature. This image demonstrates the KOPUO R66's capability for rapid tire inflation, showing the unit connected to a car tire and highlighting features like 1-minute inflation time for 28-36 PSI (195/65R15 tire), 150 PSI maximum pressure, and a 22mm cylinder diameter.

6.3. Using the LED Flashlight

The KOPUO R66 includes a multi-mode LED flashlight for emergency illumination.

- **To turn on/off:** Long press the Power button.
- **To cycle modes:** Short press the Power button while the flashlight is on. Modes include:
 - Solid On (Standard Flashlight)
 - SOS Mode (Morse code for distress)
 - Strobe Mode (Flashing light)



Figure 6.2: LED Flashlight Functionality. This image illustrates the 450 Lumen LED flashlight feature of the KOPUO R66, detailing its three modes: standard illumination (long press power button), SOS mode (short press power button), and flash alternatively (strobe mode, short press power button again).

6.4. Charging External Devices

The KOPUO R66 can act as a power bank to charge USB-powered devices.

1. Connect your device's USB charging cable to the USB output port on the KOPUO R66 unit.
2. The unit will automatically begin charging your device.
3. Disconnect your device once charging is complete.

7. MAINTENANCE

- **Recharging:** Recharge the unit after each use, especially after jump-starting, to ensure it's ready for the next emergency.
- **Storage:** Store the unit in its protective case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Long-Term Storage:** If storing for extended periods, charge the unit every 3-6 months to prevent deep discharge and prolong battery life.

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not start after jump-starting.	<p>Jump starter battery is low.</p> <p>Poor connection of clamps.</p> <p>Vehicle battery is severely damaged.</p> <p>Vehicle issue unrelated to battery.</p>	<p>Recharge the jump starter.</p> <p>Ensure clamps are securely connected to clean battery terminals.</p> <p>Consult a mechanic.</p> <p>Consult a mechanic.</p>
Air compressor does not turn on or stops prematurely.	<p>Air hose not securely connected.</p> <p>Target pressure already reached.</p> <p>Unit overheated.</p> <p>Jump starter battery is low.</p>	<p>Check all connections.</p> <p>Verify current pressure on display.</p> <p>Allow unit to cool down for 15 minutes.</p> <p>Recharge the jump starter.</p>
Digital display is not working.	<p>Unit is off.</p> <p>Battery is completely drained.</p>	<p>Press the Power button to turn on.</p> <p>Charge the unit immediately.</p>

9. SPECIFICATIONS

Feature	Specification
Model	R66
Peak Output Current	20000 Amps
Starting Current	5000 Amps
Engine Compatibility (Gas)	Up to 10.0 Liters
Engine Compatibility (Diesel)	Up to 8.0 Liters
Air Compressor Max Pressure	150 PSI
Battery Type	Lithium Ion (4 required)
Product Dimensions (D x W x H)	2.43" x 4.72" x 7.2"
Item Weight	3 Pounds
Manufacturer	DongGuan chenshun New Energy Co., Ltd.

10. WARRANTY AND SUPPORT

KOPUO products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official KOPUO website. Please retain your proof of purchase for warranty claims.

Related Documents - R66

	<p>KOPUO 6000A Peak Car Jump Starter with Air Compressor - User Manual</p> <p>Comprehensive user manual for the KOPUO 6000A Peak 7-in-1 Car Jump Starter and 150PSI Air Compressor. Learn how to jump-start vehicles (up to 10L Gas/8L Diesel), inflate tires, use the LED flashlight, emergency hammer, and compass. Includes safety instructions, specifications, and troubleshooting.</p>
	<p>KOPUO 3000A Car Jump Starter User Manual Portable Power Bank & Battery Booster</p> <p>Comprehensive guide for the KOPUO 3000A car jump starter. Learn about safety, features, jump-starting procedures, device charging, and specifications for this portable 12V battery booster.</p>
	<p>KOPUO 6000A Peak Car Jump Starter with Air Compressor User Manual</p> <p>Comprehensive user manual for the KOPUO 6000A Peak Car Jump Starter, detailing its functions, specifications, usage instructions, safety precautions, and troubleshooting for jump starting vehicles, inflating tires, and using its power bank features.</p>
	<p>KOPUO 3000A Car Jump Starter User Manual</p> <p>User manual for the KOPUO 3000A car jump starter, detailing its features, operation, and specifications for jump-starting vehicles and functioning as a portable power bank.</p>
	<p>KOPUO 3000A Multi-Function Jump Starter User Manual - Emergency Car Battery Booster</p> <p>Comprehensive user manual for the KOPUO 3000A multi-function jump starter. Learn how to safely jump start your car, understand its specifications, and follow important safety precautions for emergency power needs.</p>
	<p>KOPUO 4000A 9-in-1 Jump Starter with Air Pump User Manual</p> <p>Comprehensive user manual for the KOPUO 4000A, a 9-in-1 jump starter and 150PSI air pump. Features include support for 9.0L gas/8.0L diesel engines, -40°C cold start capability, 3-mode LED light, and power bank functionality. Learn how to safely jump-start vehicles, use the air pump, and maintain your device.</p>

Documents - KOPUO – R66



[KOPUO 6000A Peak Car Jump Starter with Air Compressor - User Manual](#)

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