

## UTRAI JS6

# UTRAI Jstar 6 Jump Starter with Air Compressor User Manual

Model: JS6  
Brand: UTRAI

## INTRODUCTION

This user manual provides essential information for the safe and effective operation of your UTRAI Jstar 6 Jump Starter with Air Compressor. This versatile device combines a powerful car jump starter, a 150 PSI tire inflator, a portable power bank, and an emergency LED light, making it an indispensable tool for roadside emergencies and outdoor activities.

Please read this manual thoroughly before first use and keep it for future reference.

## PRODUCT FEATURES

- **Powerful Large Capacity Jump Pack:** 1800 Amp peak current for quickly starting 12V vehicles (up to 7.0L gas or 6.0L diesel engines), suitable for SUVs, Vans, Trucks, Snowmobiles, Motorcycles, etc.
- **Integrated Air Compressor:** Built-in 150 PSI tire inflator with preset and automatic shut-off function. Can inflate various car tires, air beds, kayaks, and balls. Inflates a standard tire in approximately 4 minutes.
- **6-in-1 Multi-Functionality:** Functions as a car booster pack, tire inflator, air compressor, super power bank (for mobile phones, tablets, USB devices), and a 2000 Lumen LED light with Normal/Flashing/SOS modes.
- **Versatile Power Outputs:** Features 2 USB outputs (5V/3A) for charging mobile devices and a car cigarette lighter socket (12-16.7V/8A) for powering car equipment like vacuum cleaners or cameras.
- **Enhanced Safety and Durability:** Equipped with an ABS fireproof case and a fan cooling system to prevent overheating during continuous use, ensuring product longevity and user safety.

## PACKAGE CONTENTS

Upon opening the package, verify that all items are present and in good condition:



Image: The UTRAI Jstar 6 Jump Starter unit, jumper cables, air hose, various nozzles, USB charging cable, car charger adapter, and a carrying case.

- UTRAI Jstar 6 Jump Starter with Air Compressor Unit
- Smart Jumper Cables
- Air Hose with Nozzles
- USB-C Charging Cable
- Car Charger Adapter
- User Manual
- Storage Case

## SETUP AND INITIAL CHARGE

Before first use, ensure the jump starter is fully charged. Connect the provided USB-C charging cable to the Type-C Input Port on the unit and plug the other end into a suitable USB power source (e.g., wall adapter, car charger). The display will indicate the charging status.

It is recommended to fully charge the unit every 3-6 months to maintain battery health, even when not in use.

## OPERATING INSTRUCTIONS

### A. Jump Starting a Vehicle

Follow these steps to safely jump start your vehicle:

1. Open your vehicle's hood and locate the car battery.
2. Insert the jumper cable's blue plug into the EC5 Output Port on the jump starter unit. The red and green indicator lights on the smart clamp will flash alternately.
3. Connect the red clamp (+) to the positive terminal of the car battery.
4. Connect the black clamp (-) to the negative terminal of the car battery. The green indicator light on the smart clamp should now be solid green, indicating a correct connection.
5. Return to your vehicle and start the engine.
6. Once the vehicle starts, immediately disconnect the black clamp from the car battery, followed by the red clamp.
7. Finally, disconnect the jumper cable's blue plug from the jump starter unit.

**Important Safety Note:**

- Do NOT connect the red clamp to the black clamp directly.
- Ensure proper polarity (red to positive, black to negative) to avoid damage to the jump starter or vehicle.
- If the indicator light is red and beeping, check connections for reverse polarity or short circuit.



Image: The UTRAI Jstar 6 unit connected to a car battery via jumper cables, illustrating the jump-starting process.

Your browser does not support the video tag.

Video: Demonstrates the step-by-step process of using the UTRAI Jstar 6 to jump start a car, including connecting the clamps and starting the vehicle.

## B. Inflating Tires

Use the built-in air compressor to inflate tires or other inflatables:

1. Connect the air hose to the air outlet port on the jump starter unit.
2. Screw the other end of the air hose onto the tire valve stem. Ensure a tight connection to prevent air leakage.
3. Turn on the jump starter unit. The current tire pressure will be displayed.
4. Use the "+" and "-" buttons to set your desired tire pressure. You can also press the "Unit" button to switch between PSI, KPA, and Bar.
5. Long press the "Air" button to start inflation. The compressor will automatically stop once the preset pressure is reached.
6. Disconnect the air hose from the tire valve and the jump starter unit.

### Important Safety Note:

- Do NOT inflate continuously for more than 8 minutes. This can cause the product to overheat and potentially break. Allow the unit to cool down if prolonged inflation is required.
- The pumping hose temperature can reach up to 176°F (80°C) during continuous inflation. Do not touch it before it cools down.



# 150PSI TIRE INFLATOR

Inflate car tire from 0 to 35PSI in 3.5mins.



## Preset Function

Automatically stop inflating when reach the preset pressure

Image: The UTRAI Jstar 6 unit connected to a car tire, showing the inflation process and the digital display with preset function.

### C. Using as a Power Bank (USB Output)

The UTRAI Jstar 6 can charge your electronic devices:

1. Connect your device's USB charging cable to one of the two USB Output Ports (USB 1 or USB 2) on the jump starter unit.
2. Press the "Power" button to activate the USB output. Your device should begin charging.
3. Disconnect your device once charging is complete.

# EMERGENCY LIGHT

Equipped with bright LED light,  
easier to jump or inflate at night



Image: The UTRAI Jstar 6 unit charging a smartphone, demonstrating its power bank capability.

## D. Using the Car Socket Output

Power 12V car equipment using the car socket output:

1. Plug your 12V car equipment (e.g., vacuum cleaner, portable cooler) into the Car Socket Output port on the jump starter unit.
2. Press the "Power" button to activate the output.
3. Turn on your car equipment.
4. Turn off and disconnect the equipment when finished.

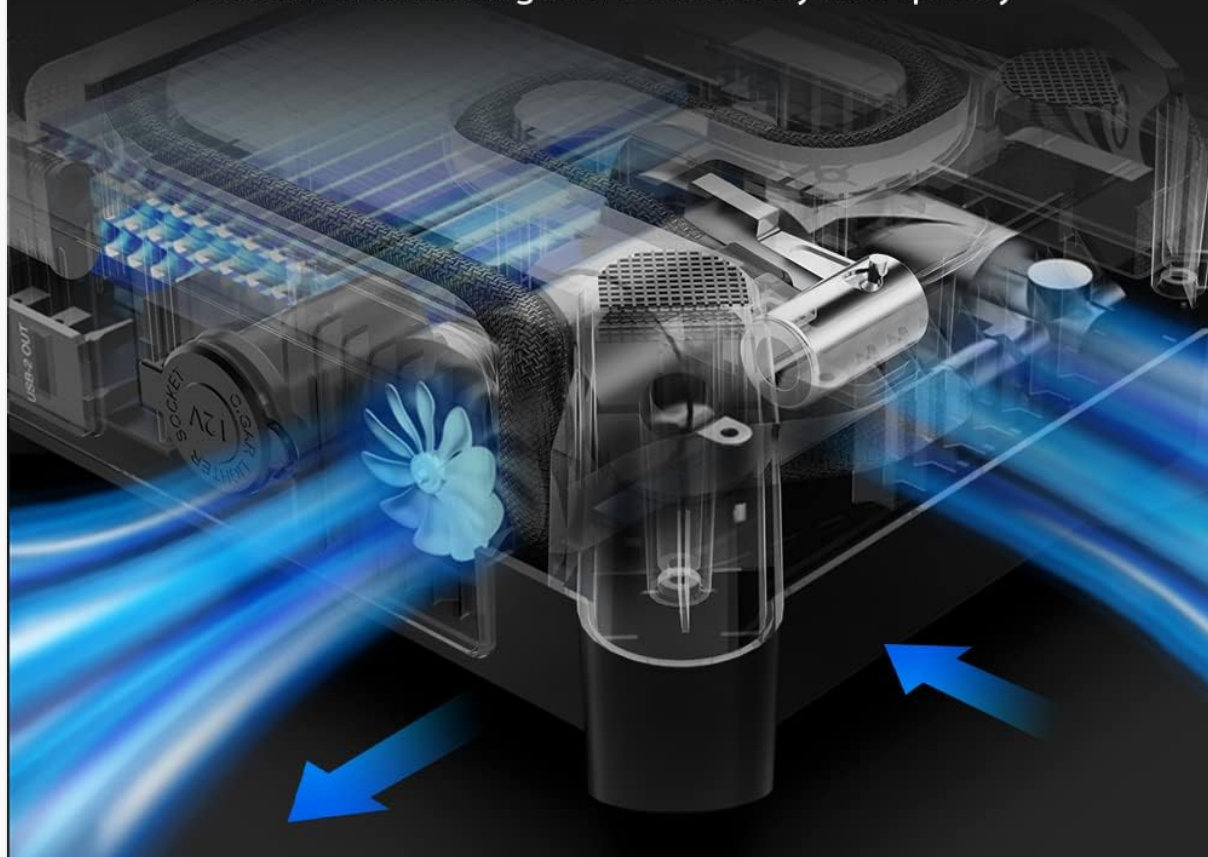
## E. Using the LED Light

The integrated LED light provides illumination for various situations:

1. Press the "Light" button once to turn on the LED light in normal mode.
2. Press the "Light" button again to switch to SOS mode (slow flashing).
3. Press the "Light" button a third time to switch to Strobe mode (fast flashing).
4. Press the "Light" button a fourth time to turn off the LED light.

# COOLING SYSTEM

Prevent overheating more effectively and quickly



**Warning:** Continuously inflating will make the pumping hose temperature up to 176°F (80°C) , don't touch it before it cool down

Image: The UTRAI Jstar 6 unit with its bright LED light activated, useful for nighttime emergencies.

## MAINTENANCE

- Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit every 3-6 months to maintain optimal battery performance, even if not used.
- Clean the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Inspect the jumper cables and air hose for any signs of damage before each use.

## TROUBLESHOOTING

If you encounter issues with your UTRAI Jstar 6, refer to the following common solutions:

Problem	Possible Cause	Solution
Jump starter not turning on.	Low battery or unit is off.	Charge the jump starter. Press the power button firmly.

Problem	Possible Cause	Solution
Vehicle not starting after jump attempt.	Incorrect clamp connection, severely dead battery, or vehicle issue.	Check clamp connections (red to positive, black to negative). Ensure the smart clamp indicator is solid green. If battery is severely dead, allow a few minutes for the jump starter to provide some charge before attempting to start. Consult a mechanic if the vehicle still doesn't start.
Air compressor not inflating or stopping prematurely.	Air hose not properly connected, incorrect pressure setting, or overheating.	Ensure air hose is securely attached to both the unit and the tire valve. Verify the preset pressure is higher than the current pressure. If used continuously for over 8 minutes, allow the unit to cool down.
USB devices not charging.	USB output not activated or cable issue.	Press the "Power" button to activate USB output. Try a different USB cable or port.

## SPECIFICATIONS

Feature	Detail
Brand	UTRAI
Model	JS6
Battery Capacity	24000mAh (88.8Wh)
Jump Start Output	12V
Peak Current	1800A
USB Output	5V/3A (2 ports)
Car Socket Output	12-16.7V/8A
Air Compressor Pressure	150 PSI (Max)
Product Dimensions	6.3"D x 8.7"W x 4.02"H
Item Weight	4.39 pounds
Batteries	4 Lithium Polymer batteries (included)

## SAFETY INFORMATION

**WARNING: Read and understand all safety information before using this product. Failure to follow these instructions may result in electrical shock, fire, serious injury, or death.**

- Always wear safety glasses when working with batteries.
- Ensure proper ventilation when operating the jump starter.
- Do not expose the product to rain or wet conditions.
- Keep out of reach of children.
- Do not disassemble the unit. Refer all servicing to qualified personnel.



- Avoid short-circuiting the clamps.
- Do not operate the air compressor continuously for more than 8 minutes to prevent overheating.
- The unit features an ABS fireproof case and a fan cooling system to mitigate risks, but proper usage is still paramount.





## WARRANTY AND SUPPORT


UTRAI products are designed for reliability and performance. For warranty information, technical support, or customer service inquiries, please refer to the contact information provided in your product packaging or visit the official UTRAI website.

We are committed to providing the best solutions for any auto problem on the road.

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## Related Documents - JS6

	<p><a href="#">UTRAI JS-30 Jump Starter With Air Compressor User Manual</a></p> <p>Comprehensive user manual for the UTRAI JS-30 Jump Starter With Air Compressor, detailing its features, operation, safety precautions, and troubleshooting. This versatile device combines a jump starter and an air compressor for automotive needs.</p>
	<p><a href="#">UTRAI JS-9 Multi-Functional Car Jump Starter User Manual</a></p> <p>Comprehensive user manual for the UTRAI JS-9 Multi-Functional Car Jump Starter, detailing its features, operation, safety precautions, and troubleshooting.</p>
	<p><a href="#">UTRAI JS-5 Jump Starter &amp; Air Compressor User Manual</a></p> <p>Comprehensive user manual for the UTRAI JS-5 portable jump starter and air compressor. Includes instructions for jump starting vehicles, inflating tires, charging devices, safety precautions, specifications, and troubleshooting.</p>
	<p><a href="#">UTRAI JS-5 Jump Starter &amp; Air Compressor User Manual</a></p> <p>Comprehensive user manual for the UTRAI JS-5 Jump Starter and Air Compressor, detailing its features, operation, safety precautions, and troubleshooting. Includes jump starting, tire inflation, and device charging instructions.</p>

<div><div>UTRAI</div><div></div><div>JS-9 Multi-Functional Car Jump Starter</div><div>USER MANUAL</div></div>	<div><a href="#">UTRAI JS-9 Jump Starter and Air Inflator User Manual</a></div> <div>Comprehensive user manual for the UTRAI JS-9, a 15000mAh car jump starter with a 150 PSI air inflator. Learn about its features, operation, safety precautions, and troubleshooting.</div>
<div><div>UTRAI</div><div>Jump Starter JS-Mini</div><div>USER MANUAL</div><div>Page 1 of 12</div></div>	<div><a href="#">UTRAI Jump Starter JS-Mini User Manual</a></div> <div>User manual for the UTRAI JS-Mini Jump Starter, providing detailed instructions on its features, operation, specifications, and safety precautions for jump-starting vehicles and charging devices.</div>