

UTRAI JS-30

UTRAI JS-30 Jump Starter with Air Compressor and OBD II Scanner Instruction Manual

Model: JS-30 | Brand: UTRAI

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your UTRAI JS-30 Jump Starter with Air Compressor and OBD II Scanner. Please read this manual thoroughly before using the device and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- UTRAI JS-30 Portable Car Battery Jump Starter Pack
- Heavy Duty Smart Clamp
- USB-C Charging Cable
- OBDII Scanner
- Air Hose
- Valve Connector (4 multi-purpose nozzles)
- DC Cigarette Lighter Converter
- Insulated Gloves
- Portable Storage Case (EVA Protection Case)
- User Guide (Instruction Manual)
- 2-Year Limited Warranty Card



Image: The UTRAI JS-30 Jump Starter unit with its heavy-duty smart clamps, USB-C charging cable, OBD II scanner, air hose, various valve connectors, and insulated gloves, all neatly arranged.

3. SAFETY INFORMATION

Your safety is paramount. This device incorporates multiple safety features. Always follow these guidelines to prevent injury or damage to the device or vehicle.

- **V0 Flame-Retardant Casing:** The device is constructed with fireproof materials for enhanced safety.
- **Intelligent Protection Chips:** Built-in chips prevent over-discharge, reverse polarity, sparks, overvoltage, overheating, and over-current.
- **Operating Temperature:** Use the device within the recommended temperature range.
- **Ventilation:** Ensure adequate ventilation during operation, especially when using the air compressor.
- **Eye Protection:** Always wear safety glasses when jump-starting a vehicle.
- **Children:** Keep the device out of reach of children.

Roadside Warning Light



Image: A visual representation of the 10 intelligent safety protections, including spark resistance, short-circuit protection, reverse connection, over-power protection, over-discharge protection, over-charge protection, over-heat protection, over-current protection, and over-voltage protection.

4. CHARGING THE DEVICE

Before first use, fully charge your UTRAI JS-30. It is recommended to recharge the device after each use to ensure it is ready for the next emergency.

- Connect the provided USB-C charging cable to the USB-C input port on the device.
- Connect the other end of the USB-C cable to a compatible USB wall adapter (not included) or the provided DC adapter for car charging.
- The digital display will indicate the charging status. The device is fully charged when the display shows 100%.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

The UTRAI JS-30 delivers 7000A peak current, capable of starting all 12V cars, SUVs, trucks, motorcycles, ATVs, boats, and diesel engines up to 12L.

1. Ensure the jump starter is sufficiently charged.
2. Insert the smart clamp plug into the jump starter's 12V output port. The device will show a green light indicating it's ready.
3. Connect the red (positive) clamp to the positive (+) terminal of the vehicle's battery.
4. Connect the black (negative) clamp to the negative (-) terminal of the vehicle's battery.
5. If the vehicle battery is completely dead, press and hold the 'Boost Mode' button on the smart clamp for 3 seconds to force start.
6. Start the car engine.
7. Once the engine starts, immediately remove the smart clamps from the vehicle battery, then disconnect the smart clamp from the jump starter.



Image: Step-by-step illustration of inserting the clamp plug, connecting smart clamps to the car battery, and starting the car engine.

5.2 Using the Air Compressor

The 150PSI smart air compressor can inflate tires for various vehicles and inflatables.

1. Screw the air hose into the air output port on the jump starter.
2. Attach the appropriate valve connector to the air hose and then to the item you wish to inflate.
3. Press the power button to turn on the device.
4. Select the desired mode (car, motorcycle, bike, ball, or custom) using the 'M' button. Long press 'M' to switch units (PSI, BAR, KPA, kg/cm²).
5. Adjust the target air pressure using the '+' and '-' buttons.
6. Press the inflation button to start the compressor. The device will automatically shut off once the target pressure is reached.



Image: Illustration showing how to connect the air hose, select the mode, adjust target pressure, and activate inflation.

5.3 Using the LED Light

The device features a 2000-lumen LED floodlight with multiple modes for various situations.

- Press the light button to cycle through modes: Flashlight, Strobe (white), SOS, Strobe (red), and Spotlight.
- The 90° rotatable panel allows for adjustable illumination.

Universal Vehicle Fit(12V only)



Image: The UTRAI JS-30's multi-functional LED light providing illumination for an outdoor gathering, highlighting its various modes like flashlight, strobe, and SOS.

5.4 Using as a Power Bank

The 16000mAh power bank can charge phones, tablets, cameras via dual USB ports, and power 12V appliances with its 160W DC output.

- Connect your electronic device to one of the dual USB output ports using a compatible USB cable.
- For 12V appliances, use the provided DC cigarette lighter converter and plug it into the 12V DC output port.



Image: The UTRAI JS-30 acting as a portable power hub, charging a smartphone, tablet, and other small electronics via its USB and DC output ports.

5.5 Using the OBD II Scanner

The included OBD II diagnostic tool allows you to read fault codes and monitor vehicle performance.

1. Download the YMBOD app from your smartphone's app store.
2. Plug the OBD II scanner into your car's OBD2 port (usually located under the dashboard).
3. Use Bluetooth on your phone to connect to the scanner via the YMBOD app.
4. Access detailed diagnostics, check engine performance, and monitor fuel efficiency through the app.

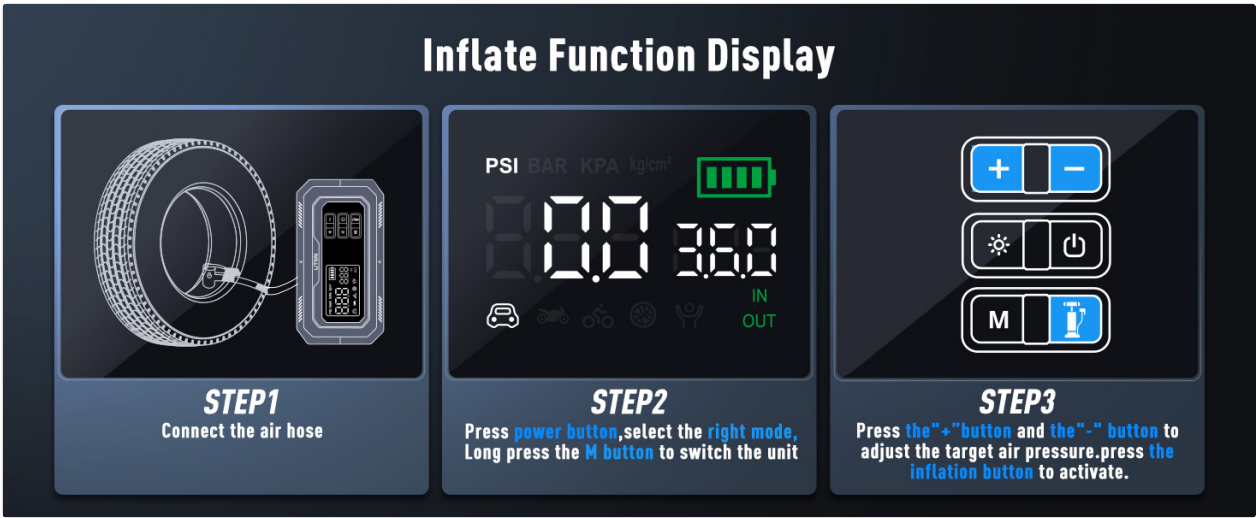


Image: Illustration showing the steps to download the YMBOD app, plug in the OBD II adapter, and connect via Bluetooth for vehicle diagnostics.

6. MAINTENANCE AND STORAGE

- Store the device in its EVA protection case when not in use.
- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Recharge the device every 3-6 months if not used regularly to maintain battery health.
- Clean the device with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.

7. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is charged. If fully charged and still not turning on, contact support.
- **Vehicle not starting:** Check that the smart clamps are correctly connected to the battery terminals (red to positive, black to negative). Ensure the smart clamp indicator is green. If the battery is completely dead, use the Boost Mode.
- **Air compressor not inflating:** Verify the air hose and valve connector are securely attached. Check the selected mode and target pressure. Ensure the device is charged.
- **OBD II scanner not connecting:** Ensure the scanner is properly plugged into the OBD2 port and your phone's Bluetooth is enabled. Restart the app and try reconnecting.

8. SPECIFICATIONS

Feature	Specification
Brand	UTRAI
Model	JS-30
Peak Output Current	7000 Amps
Air Compressor Pressure	150 PSI

Battery Capacity	16000mAh
DC Output	160W (12V)
LED Floodlight Luminosity	2000 Lumens
Product Dimensions	2.27"D x 9.09"W x 4.8"H
Item Weight	2.64 pounds (1.2 Kilograms)

9. OFFICIAL PRODUCT VIDEO

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Video: An official product video from UTRAI demonstrating the features and usage of the UTRAI Jump Starter with Air Compressor.

10. WARRANTY AND SUPPORT

The UTRAI JS-30 Jump Starter comes with a 24-month warranty and lifetime technical support. For any questions, issues, or warranty claims, please contact UTRAI customer service.

- **Customer Service:** Available 7 days a week, 24 hours a day.
- **Technical Support:** Lifetime technical support is provided.
- **Warranty Coverage:** 24 months of coverage for defects.

Related Documents - JS-30

	<p>UTRAI JS-5 Jump Starter & Air Compressor User Manual</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>UTRAI JS-30 Jump Starter With Air Compressor User Manual</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>

<div><div>T1 User Manual</div></div>	<div><div>UTRAI T1 Jump Starter User Manual - Portable Car Battery Booster</div><div>Comprehensive user manual for the UTRAI T1 portable jump starter. Learn how to charge your car battery, charge devices, use the LED flashlight, and understand safety features.</div></div>
<div><div><div>UTRAI</div><div>Jump Starter JS-Mini</div><div>USER MANUAL</div></div></div>	<div><div>UTRAI Jump Starter JS-Mini User Manual</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></div>
<div><div><div>UTRAI</div><div>Jump Starter JS-1 Pro</div><div>USER MANUAL</div></div></div>	<div><div>UTRAI JS-1 Pro Jump Starter User Manual: Features, Operation, and Safety</div><div>Comprehensive user manual for the UTRAI JS-1 Pro portable jump starter. Learn about its specifications, operation, charging, safety guidelines, and troubleshooting. Includes jump starting instructions and customer support.</div></div>
<div><div><div>UTRAI</div><div>Jump Starter JS-Mini</div><div>USER MANUAL</div></div></div>	<div><div>UTRAI JS-Mini Jump Starter User Manual</div><div>Comprehensive user manual for the UTRAI JS-Mini portable car jump starter, covering specifications, operation, safety information, and customer support.</div></div>