UTRAI JS-1 PRO

UTRAI JS-1 PRO 12V Jump Starter User Manual

Model: JS-1 PRO

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety information before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Do not** jump start a frozen battery.
- **Do not** use the jump starter if the cables or clamps are damaged.
- **Do not** connect the positive (+) and negative (-) clamps together.
- **Do not** expose the product to rain or moisture.
- **Do not** disassemble the unit. Refer servicing to qualified personnel.
- Ensure proper ventilation during use.
- Keep out of reach of children.
- Wear eye protection when working with batteries.
- The unit features an intelligent protection system against short circuit, reverse connection, low voltage, high voltage, overcharge, over-discharge, and high temperature.

2. PRODUCT OVERVIEW

The UTRAI JS-1 PRO is a versatile 12V jump starter and portable power bank designed for emergency vehicle starting and charging electronic devices. It features a high capacity battery, multiple charging outputs, and integrated safety tools.

Package Contents

パッケージ内容

25.10cm

13.39 cm

79.98cm

17.48cm

9.19cm

13.49cm

100 %

19.99 cm

17.98cm

UTRAI

Jump Starter JS-1 Pro
USER MANUAL

Image: Contents of the UTRAI JS-1 PRO package, including the jump starter unit, smart booster cables, USB-C charging cable, and user manual.

- UTRAI JS-1 PRO Jump Starter Unit
- Smart Booster Cables
- USB-C Charging Cable
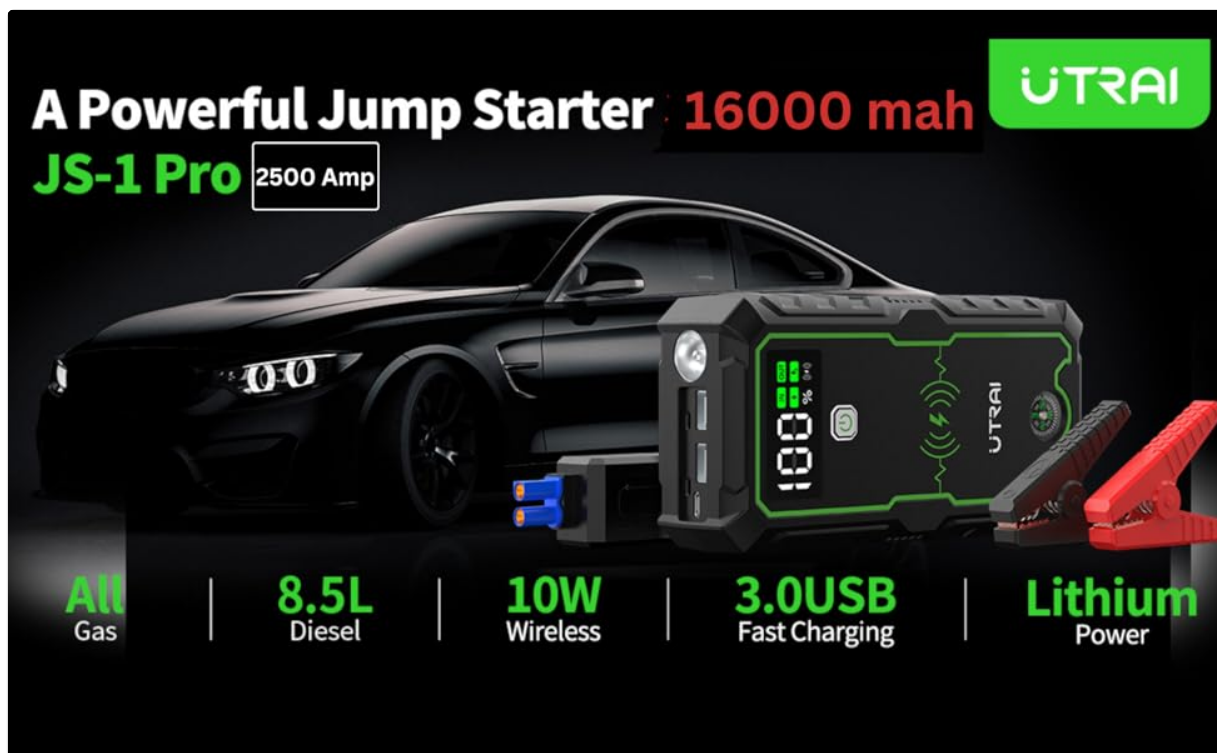- Storage Case
- User Manual

Key Features

Image: Overview of the UTRAI JS-1 PRO highlighting its 16000mAh capacity, 2500A peak current, compatibility with all gas and up to 8.5L diesel engines, 10W wireless charging, 3.0 USB fast charging, and lithium power.

- **Peak Current:** 2500A (suitable for all 12V gasoline engines and up to 8.5L diesel engines)

- **Battery Capacity:** 16000mAh (can jump start up to 30 times on a full charge)

- **Wireless Charging:** 10W for compatible mobile devices.

- **USB Outputs:** Two USB ports (USB 1-QC3.0: 5V/3A, 9V/2A, 12V/1.5A; USB 2: 5V/2.4A) for charging phones and tablets.

- **Integrated LED Lamp:** Features Flashlight, SOS, Strobe, and Red/Blue alternating alarm modes.

- **Emergency Escape Hammer:** Built-in for emergency situations.

- **Compass Function:** Integrated for navigation.

- **Full Protection System:** Safeguards against short circuit, reverse connection, low/high voltage, overcharge, over-discharge, and high temperature.

- **Compact Design:** Portable and easy to store.

3. Setup and Charging

Initial Charge

Before first use, fully charge the UTRAI JS-1 PRO. The unit comes partially charged, but a full charge ensures optimal performance.

1. Connect the supplied USB-C charging cable to the Type-C input port on the jump starter.

2. Connect the other end of the USB-C cable to a USB wall adapter (not included) or a powered USB port.

3. The LCD display will show the charging progress. Charge until the display indicates 100%.

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

Checking Battery Level

Press the power button once to view the current battery level on the LCD display.

4. OPERATING INSTRUCTIONS

Jump Starting a Vehicle

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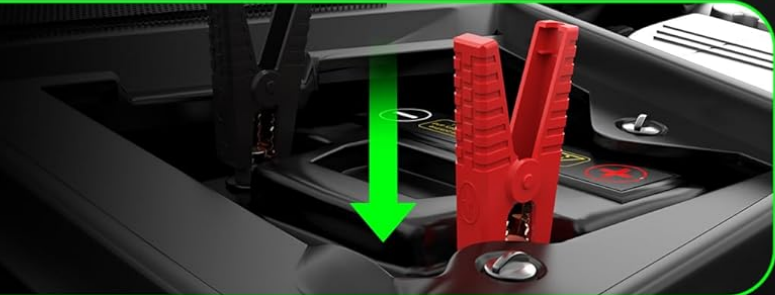

4ステップで使いやすい！

STEP 01
ケーブルを本体に接続

STEP 02
バッテリーに接続

STEP 03
エンジンを始動

STEP 04
クリップを取り外す

Image: Visual guide demonstrating the four steps to jump start a vehicle using the UTRAI JS-1 PRO.

1. **Connect Cables to Unit:** Insert the blue plug of the smart booster cables into the jump start port on the UTRAI JS-1 PRO. Ensure it is fully seated.

2. **Connect Clamps to Battery:**
   - Connect the **RED** positive (+) clamp to the positive (+) terminal of the vehicle battery.
   - Connect the **BLACK** negative (-) clamp to the negative (-) terminal of the vehicle battery.

   The indicator light on the smart booster cable will turn **GREEN** if connected correctly. If an error occurs (e.g.,

reverse polarity), the cable will display an alert and sound a warning.

3. **Start Vehicle:** Once the green light is solid, start your vehicle's engine.

4. **Remove Clamps:** After the engine starts, immediately remove the black negative (-) clamp, then the red positive (+) clamp from the vehicle battery. Finally, disconnect the smart booster cables from the jump starter unit.

If the vehicle does not start on the first attempt, wait at least 30 seconds before trying again. Do not attempt more than 3 consecutive jump starts.

Charging Electronic Devices

10W WIRELESS

USB output*2

USB-C input*1

EC5 output*1

The large capacity jump starter can support three devices at the same time, allowing you to charge your electronic devices anywhere and anytime, so you can enjoy your life without worrying when travelling, climbing, driving or other situations

Connect the Red Clamp to Positive Electrode(+) and the Black Clamp to Negative Electrode(-) (The green light will stay on after both clamps are connected correctly)
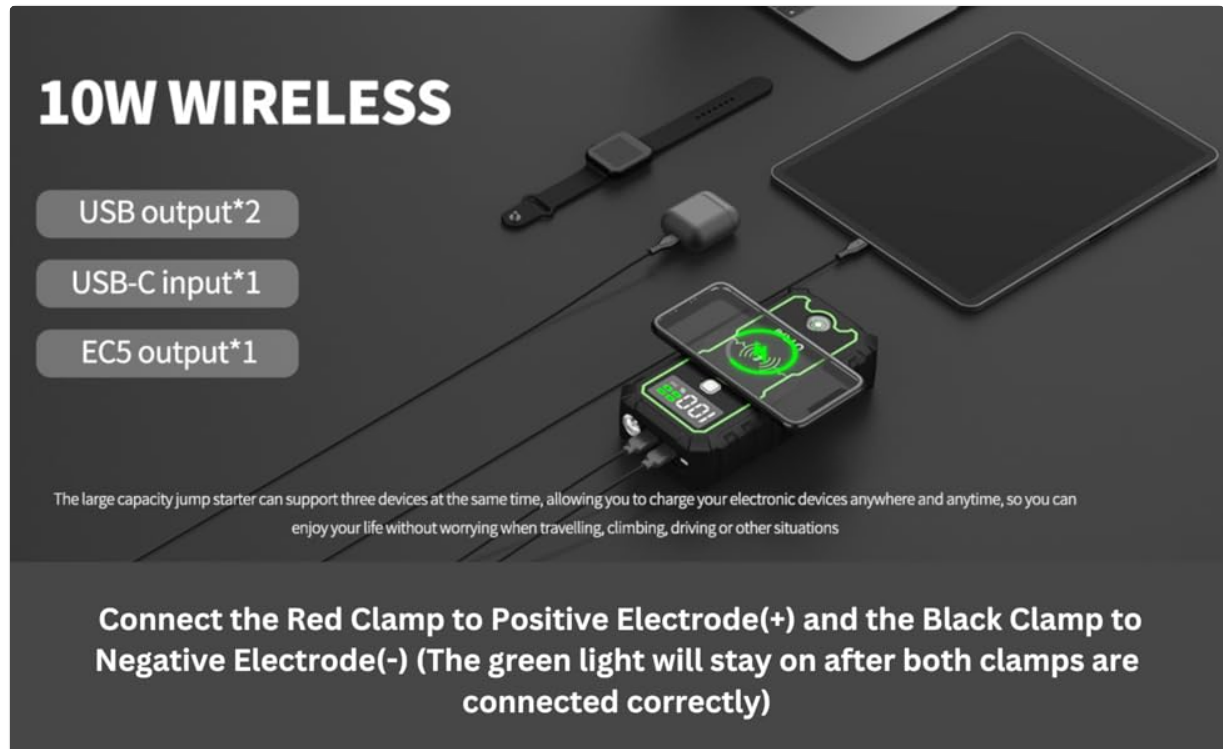
Image: The UTRAI JS-1 PRO demonstrating its 10W wireless charging capability and multiple USB output ports for charging various electronic devices like smartphones and tablets.

- **Wireless Charging:** Place your Qi-compatible device on the wireless charging pad located on the top surface of the jump starter. The charging icon will appear on the LCD display.
- **USB Charging:** Connect your device's USB charging cable to either of the two USB output ports on the jump starter.

Using the LED Lamp

Press and hold the power button for 3 seconds to turn on the LED flashlight. Press the power button repeatedly to cycle through the different modes:

- Flashlight (White Light)
- SOS Signal Light (White Light)
- Strobe Mode (White Light)
- Alternating Red and Blue Flashing Alarm Mode

Press and hold the power button again for 3 seconds to turn off the LED lamp.

Emergency Escape Hammer

The side of the jump starter is equipped with an emergency hammer. In case of an emergency requiring window breakage, use the pointed end to strike a corner of the window.

5. Maintenance and Storage

- **Recharging:** Recharge the unit every 3-6 months to maintain optimal battery performance, even if not used.

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

- **Storage Temperature:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures. The operating and storage temperature range is -20°C to 60°C (-4°F to 140°F).

- **Cable Care:** Inspect the booster cables and clamps for any damage before each use. Store them neatly in the provided case.

Image: The UTRAI JS-1 PRO demonstrating its ability to operate in extreme temperatures, from -20°C (-4°F) to 60°C (140°F).

6. Troubleshooting

Problem	Possible Cause	Solution
Vehicle does not start.	- Jump starter battery is low. - Incorrect connection of clamps. - Vehicle battery is severely damaged. - Vehicle issue unrelated to battery.	- Recharge the jump starter. - Ensure clamps are connected correctly (red to +, black to -). Check for green indicator light on smart cables. - Consult a mechanic. - Consult a mechanic.

Problem	Possible Cause	Solution
Smart booster cable shows error/warning.	○ Reverse polarity connection. ○ Short circuit. ○ Over-voltage/Under-voltage.	○ Disconnect and reconnect clamps correctly. ○ Ensure clamps do not touch each other or other metal parts. ○ The protection system should prevent damage. Ensure battery voltage is within acceptable range.
Jump starter not charging.	○ Charging cable or adapter faulty. ○ Charging port damaged.	○ Try a different USB-C cable and/or wall adapter. ○ Contact customer support.

7. SPECIFICATIONS

製品詳細

コンパス

安全ハンマー

ワイヤレス充電

電源スイッチ

液晶ディスプレイ

タイプC入力

2つのUSB出力

LEDライト

起動用ポート

インジケータランプ

ブーストケーブルプラグ

ブーストケーブル

Image: Detailed view of the UTRAI JS-1 PRO unit, labeling its various components such as the compass, safety hammer, wireless charging area, power switch, LCD display, Type-C input, USB outputs, LED light, starting port, indicator lamp, and boost cable connection.

Model	JS-1 PRO
Peak Current	2500 Amps
Battery Capacity	16000mAh
Start Voltage	12V
USB Output 1 (QC3.0)	5V/3A, 9V/2A, 12V/1.5A

USB Output 2	5V/2.4A
Wireless Charging Output	10W
Input (Type-C)	Standard USB-C (specifications not explicitly detailed)
Dimensions (L x W x H)	18.5 x 9.2 x 4.5 cm (7.3 x 3.6 x 1.8 inches)
Weight	1.26 kg (2.9 lbs)
Operating/Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Material	ABS Plastic

8. WARRANTY AND SUPPORT

The UTRAI JS-1 PRO Jump Starter comes with a **12-month worry-free warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For warranty claims, technical support, or any questions regarding your product, please contact UTRAI customer service through the retailer where the product was purchased or visit the official UTRAI website for contact information.

Please have your purchase receipt and product model number (JS-1 PRO) available when contacting support.

Related Documents - JS-1 PRO

UTRAI Jump Starter **JS-Mini** USER MANUAL	[UTRAI Jump Starter JS-Mini User Manual](#) 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.
UTRAI Jump Starter **JS-1 Pro** USER MANUAL	[UTRAI JS-1 Pro Jump Starter User Manual: Features, Operation, and Safety](#) 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.
T1 User Manual	[UTRAI T1 Jump Starter User Manual - Portable Car Battery Booster](#) 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.

UTRAI Jump Starter **JS-Mini** USER MANUAL	[UTRAI JS-Mini Jump Starter User Manual](#) Comprehensive user manual for the UTRAI JS-Mini portable car jump starter, covering specifications, operation, safety information, and customer support.
UTRAI **JS-9** Multi-Functional Car Jump Starter **USER MANUAL**	[UTRAI JS-9 Multi-Functional Car Jump Starter User Manual](#) Comprehensive user manual for the UTRAI JS-9 Multi-Functional Car Jump Starter, detailing its features, operation, safety precautions, and troubleshooting.
UTRAI Jump Starter & Air Compressor **JS-5** USER MANUAL	[UTRAI JS-5 Jump Starter & Air Compressor User Manual](#) 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.