

UTRAI JS-T1

UTRAI T1 Portable Jump Starter User Manual

Model: JS-T1

Brand: UTRAI

INTRODUCTION

Welcome to the user manual for your UTRAI T1 Portable Jump Starter. This device is designed to provide a reliable and powerful solution for starting vehicles with dead batteries, offering a peak current of 1600A. It also functions as a portable power bank and features an integrated LED flashlight for various emergency and utility needs. Please read this manual thoroughly before operation to ensure safe and effective use of your device.

WHAT'S INCLUDED

The package for your UTRAI T1 Portable Jump Starter includes the following items:

- 1 x UTRAI T1 Car Battery Jump Starter
- 1 x Smart Jumper Clip
- 1 x USB Type-C Cable
- 1 x User Manual
- 2 Years Warranty

WHAT'S IN THE BOX



This image displays the UTRAI T1 jump starter, smart jumper clip, USB-C cable, and user manual, as packaged in the product box.

PRODUCT OVERVIEW

The UTRAI T1 is a compact and robust device, engineered for durability and performance. Its design prioritizes ease of use and portability, making it an essential tool for vehicle owners.



This image displays the UTRAI T1 portable jump starter unit, along with its smart jumper cables (red and black clamps) and a USB Type-C charging cable. The device is black and orange with 'POWER' and 'UTRAI' branding.

CHARGING THE UTRAI T1

Before initial use, ensure the jump starter is fully charged. For optimal performance, maintain a charge level above 25% before attempting to jump start a vehicle.

To charge the device, connect the provided USB Type-C cable to the input port on the jump starter and a suitable USB power source (not included).

It is recommended to charge the device every 2-3 months if it has not been used for an extended period to maintain battery health.



The image shows the UTRA1 T1 jump starter connected via USB cables to charge a smartphone and a tablet, demonstrating its power bank functionality. A Nintendo Switch is also visible in the background.

INITIAL SETUP

Follow these steps for the initial setup of your UTRA1 T1 Jump Starter:

1. Ensure the jump starter is adequately charged (above 25%) before use.
2. Familiarize yourself with the smart jumper clips and their connection points on the jump starter and vehicle battery.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

To jump start a vehicle using your UTRA1 T1, follow these steps carefully:

1. Ensure the jump starter has sufficient power (above 25%).
2. Connect the red clamp of the smart jumper cable to the positive (+) terminal of the vehicle's dead battery.
3. Connect the black clamp of the smart jumper cable to the negative (-) terminal of the vehicle's dead battery.
4. Plug the smart jumper cable connector into the jump starter's EC5 output port.
5. Start the vehicle's engine.
6. Once the vehicle starts, immediately unplug the smart jumper cable connector from the jump starter.
7. Then, remove the black clamp from the negative (-) terminal, followed by the red clamp from the positive (+) terminal.
8. 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 without allowing the unit to cool down.



This image shows the UTRAI T1 jump starter connected to a car battery with its smart jumper cables, positioned under the open hood of a vehicle, illustrating its primary function.

Using as a Power Bank

The UTRAI T1 features USB outputs (5V/2.1A) and a Quick Charge 3.0 USB port for charging mobile devices.

1. Connect your device's USB charging cable to the appropriate USB output port on the jump starter.

2. The jump starter will automatically begin charging your device.

Using the LED Flashlight

The built-in LED flashlight offers three modes for various situations: Stable Light, Strobe Light, and SOS Light.

1. Press and hold the power button for a few seconds to turn on the flashlight.
2. Briefly press the power button to cycle through the modes (Stable Light > Strobe Light > SOS Light).
3. Press and hold the power button again to turn off the flashlight.



The image highlights the LED flashlight function of the UTRAI T1 jump starter, with the light emitting from the device. Text overlays indicate the three available modes: SOS, Stable, and Strobe.

SAFETY PRECAUTIONS

The UTRAI T1 is equipped with an 8-layer smart protection system to ensure safe operation. These protections include:

- Anti-Spark Protection
- Reverse Polarity Protection
- Low Temperature Protection
- High Temperature Protection
- Overload Protection
- Short Circuit Protection
- High Voltage Protection
- Low Voltage Protection
- Over Discharge Protection
- Over Current Protection

The smart jumper cable indicator will notify you with an audible buzz and flashing lights if incorrect connections are made.

Always ensure proper connection before attempting to jump start.

Do not expose the device to extreme heat or fire.

Do not disassemble the device.

8-LAYER SMART PROTECTION SYSTEM



Short Circuit
Protection



High Temperature
Protection



Low-Temperature
Protection



Surge Voltage
Protection



High Voltage
Protection



Low Voltage
Protection



Over Discharge
Protection



Over Current
Protection

This image illustrates the 8-layer smart protection system of the UTRAI T1 jump starter, showing the device with its red and black

smart clamps. Icons represent various safety features like short circuit, high/low temperature, surge voltage, high/low voltage, over discharge, and over current protection.

MAINTENANCE

Proper maintenance will extend the lifespan of your UTRAI T1 Jump Starter:

- Keep the device clean and dry.
- Store the jump starter in a cool, dry place when not in use.
- Charge the device every 2-3 months if stored for extended periods to preserve battery life.
- Inspect the jumper cables and clamps for any damage before each use.

TROUBLESHOOTING

Device not turning on:

- Ensure the device is charged. Connect it to a power source and allow it to charge for a period.

Vehicle not starting:

- Check if the jump starter's battery level is above 25%.
- Verify that the smart jumper clamps are correctly connected to the vehicle battery terminals (red to positive, black to negative). Listen for any audible warnings from the smart clip.
- Ensure the smart jumper cable connector is fully inserted into the jump starter's port.
- The vehicle battery might be severely discharged or damaged. Consult a professional if issues persist.

Device not charging external devices:

- Ensure the jump starter has sufficient power.
- Check the USB cable connection to both the jump starter and the external device.
- Try a different USB port or cable.

SPECIFICATIONS

| Feature | Detail |
|---------------------|--------------------------------------|
| Brand | UTRAI |
| Model | JS-T1 |
| Peak Output Current | 1600 Amps |
| Item Weight | 1.27 pounds |
| Product Dimensions | 6.22 x 1.02 x 3.18 inches |
| Batteries | 1 Lithium Polymer battery (included) |
| Manufacturer | UTRAI |

| Feature | Detail |
|----------------------|----------------|
| Date First Available | March 11, 2024 |

WARRANTY AND SUPPORT



Your UTRAI T1 Portable Jump Starter comes with a 2-year warranty, ensuring peace of mind regarding product defects and performance.

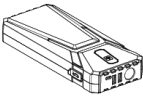
Lifetime technical support is available for this product. For any questions, troubleshooting assistance, or warranty claims, please contact UTRAI customer support.



These images illustrate the comprehensive support available, including 24-hour customer service, 30-day returns, 24-month warranty, and lifetime technical support, alongside a visual of a customer service representative.

Related Documents - JS-T1

| | |
|---|--|
|  | <p>UTRAI T1 User Manual - Jump Starter Guide</p> <p>Comprehensive user manual for the UTRAI T1 jump starter. Learn about its features, specifications, safety information, and operation for charging devices and jump-starting vehicles.</p> |
|  | <p>UTRAI T1 Jump Starter User Manual - Portable Car Battery Booster</p> <p>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.</p> |

| | |
|--|--|
| <div><div>UTRAI</div><div><div>Jump Starter JS-Mini</div><div>JS-5</div><div>USER MANUAL</div></div><div><div>UTRAI JS-5</div><div>Jump Starter JS-Mini</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>UTRAI</div><div><div>Jump Starter & Air Compressor</div><div>JS-5</div><div>USER MANUAL</div></div><div><div>UTRAI JS-5</div><div>Jump Starter & Air Compressor</div></div></div> | <div><div>UTRAI JS-5 Jump Starter & Air Compressor User Manual</div><div>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.</div></div> |
| <div><div><div>VTOMAN</div><div>TOOLS & BATTERIES</div><div>User Manual</div><div>V10 PRO</div><div>Jump Starter</div><div></div><div>Model No.: JS-391</div></div></div> | <div><div>VTOMAN V10 PRO Jump Starter User Manual</div><div>User manual for the VTOMAN V10 PRO Jump Starter (Model No.: JS-391). This guide provides instructions on product layout, operation, charging, jump-starting vehicles, charging mobile devices, technical specifications, FAQs, troubleshooting, and safety warnings.</div></div> |
| <div><div>UTRAI</div><div><div>Jump Starter JS-1 Pro</div><div>USER MANUAL</div></div><div><div>UTRAI JS-1</div><div>Jump Starter JS-1 Pro</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> |