

UTRAI T1

UTRAI T1 Portable Jump Starter User Manual

Model: T1

Brand: UTRAI

IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before using the UTRAI T1 Portable Jump Starter. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Read the Manual:** Always read and understand the entire user manual before operating the device.
- **Keep Away from Children:** This device is not a toy. Keep it out of reach of children.
- **Proper Ventilation:** Use the device in a well-ventilated area.
- **Avoid Short Circuits:** Do not allow the positive and negative clamps to touch each other or the same metal object.
- **Correct Polarity:** Ensure correct polarity connection to the vehicle battery terminals. Incorrect connection will trigger safety warnings.
- **Operating Temperature:** Do not operate the device outside its specified operating temperature range (-4°F to 140°F / -20°C to 60°C).
- **Charging:** Charge the device only with the provided USB Type-C cable.
- **Storage:** Store the device in a cool, dry place when not in use. Recharge every 2-3 months to maintain battery health.
- **Damaged Device:** Do not use the device if it is damaged, cracked, or has a damaged cable. Contact support for assistance.

PRODUCT OVERVIEW

Package Contents

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

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

附属品



Image: The complete package contents of the UTRAI T1 Portable Jump Starter, showing the main device, smart jumper cables, a USB-C charging cable, and the instruction manual.

Product Features

The UTRAI T1 is designed for versatility and reliability:

- **High Performance:** Delivers 2000A peak current to start 12V vehicles, suitable for up to 7.5L gas and 5.5L diesel engines.
- **Compact and Portable:** Small size (6.02 x 3.19 x 1.02 inches, 0.3 Kg) for easy storage and transport.
- **Power Bank Functionality:** 13200mAh capacity with USB outputs (5V/2.1A) and Quick Charge 3.0 port for charging mobile devices.
- **3-in-1 LED Flashlight:** Features three modes: Strobe Light, SOS Light, and Solid Light for various situations.
- **Advanced Safety Protections:** Incorporates 8 types of protection, including anti-spark, reverse polarity, low temperature, high temperature, and overload protection.
- **Durable Construction:** Made from PC+ABS material, making it fireproof, waterproof, dustproof, and dropproof. Operates reliably in extreme temperatures.



Image: The UTRAI T1 Portable Jump Starter main unit, showcasing its compact design, along with the smart jumper clips and a USB-C charging cable.

超コンパクト & 軽量



40%

コンパクト
& 5倍軽量

普通のジャンパースターターより



軽量

Image: A hand holding the UTRAI T1 Jump Starter, emphasizing its compact and lightweight design for portability.

8層 スマート 保護システム



短絡保護



高温保護



低温保護



サージ保護



高電圧保護



低電圧保護



過放電保護



過充電保護

Image: A visual representation of the UTRA1 T1's 8-layer smart protection system, detailing features like short circuit, high/low temperature, and reverse polarity protection.

Component Identification

The UTRA1 T1 consists of the main jump starter unit and smart jumper clips. The main unit features power output ports, USB charging ports, and an LED flashlight. The smart jumper clips have distinct red (positive) and black (negative) clamps with built-in safety indicators.

SETUP

Charging the Jump Starter

Before initial use, fully charge the UTRA1 T1. For optimal performance, ensure the device is charged above 25% before jump-starting a vehicle. If the jump starter has not been used for an extended period, it is recommended to charge it every 2-3 months to maintain its battery pack in a healthy state.

1. Connect the provided USB Type-C cable to the input port on the jump starter.
2. Connect the other end of the USB Type-C cable to a suitable USB power adapter (not included) or a powered USB port.
3. The indicator lights on the device will show the charging status. The device is fully charged when all indicator lights are solid.

Checking Battery Level

Press the power button briefly to check the current battery level of the jump starter. The LED indicators will illuminate to show the remaining charge.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

Follow these steps carefully to safely jump-start your vehicle:

1. Ensure the jump starter has at least 25% charge.
2. Connect the smart jumper clip cable to the jump starter's output port.
3. Connect the **red (+)** clamp to the positive terminal of the vehicle's battery.
4. Connect the **black (-)** clamp to the negative terminal of the vehicle's battery.
5. If the smart clip indicator buzzes or flashes, it indicates an incorrect connection. Disconnect and re-connect the clamps correctly.
6. Once connected correctly, start your vehicle's engine.
7. After the vehicle starts, **immediately unplug the smart jumper clip cable from the jump starter unit first.**
8. Then, remove the **black (-)** clamp from the vehicle battery, followed by the **red (+)** clamp.

一発で愛車を エンジンかける



12V
車用

2000A
ピーク電流

6.5L
ガソリン車

5.5L
ディーゼル車

Image: The UTRAI T1 Jump Starter connected to a vehicle battery, demonstrating the proper setup for jump-starting a car.

Using as a Power Bank

The UTRAI T1 can charge your electronic devices:

1. Connect your device's USB charging cable to one of the USB output ports on the jump starter.
2. The jump starter will automatically begin charging your device.



Image: The UTRA1 T1 Jump Starter functioning as a power bank, simultaneously charging a smartphone, tablet, and other small electronic devices.

Using the LED Flashlight

The built-in LED flashlight offers three modes for various needs:

1. Press and hold the flashlight button to turn on the solid light mode.
2. Press the button again to cycle through Strobe Light mode.
3. Press the button a third time to activate SOS Light mode.
4. Press and hold the button again to turn off the flashlight.

LED機能搭載 3つモード



Image: The UTRAI T1 Jump Starter's LED flashlight in operation, highlighting its three modes: SOS, Strobe, and standard illumination.

高輝度LEDライト

夜間作業や非常時に役に立ちます



Image: A person utilizing the UTRAI T1 Jump Starter's bright LED flashlight to inspect a car engine in low-light conditions, demonstrating its utility as a work light.

MAINTENANCE

Proper maintenance ensures the longevity and reliability of your UTRAI T1 Jump Starter:

- **Regular Charging:** Recharge the device every 2-3 months, even if not in use, to prevent deep discharge and maintain battery health.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight, moisture, and flammable materials.
- **Inspect Cables:** Periodically inspect the smart jumper clips and cables for any signs of damage, fraying, or corrosion. Replace if necessary.

TROUBLESHOOTING

If you encounter issues with your UTRAI T1, refer to the following common problems and solutions:

| Issue | Possible Cause | Solution |
|-------|----------------|----------|
|-------|----------------|----------|

| Issue | Possible Cause | Solution |
|---|---|---|
| Vehicle does not start. | Jump starter battery is too low. Incorrect connection. Vehicle battery is severely damaged. | Ensure jump starter is above 25% charge. Re-check connections for correct polarity. Consult a mechanic if vehicle battery is beyond jump-starting. |
| Smart clip indicator buzzes or flashes. | Incorrect polarity connection. Short circuit detected. | Disconnect clamps and re-connect them to the correct battery terminals (red to positive, black to negative). Ensure clamps do not touch each other. |
| Jump starter does not charge. | Faulty charging cable or adapter. Damaged charging port. | Try a different USB Type-C cable and power adapter. Contact customer support if the issue persists. |
| LED flashlight does not turn on. | Jump starter battery is depleted. Faulty LED. | Charge the jump starter. Contact customer support if the issue persists after charging. |

SPECIFICATIONS

| Feature | Specification |
|-----------------------|---|
| Model | T1 |
| Peak Current | 2000 Amps |
| Battery Capacity | 13200mAh |
| Engine Compatibility | Up to 7.5L Gas, 5.5L Diesel |
| USB Output | 5V/2.1A (Quick Charge 3.0) |
| Type-C Input | 5V/2A |
| Product Dimensions | 5.91 x 3.35 x 1.02 inches (15 x 8.5 x 2.6 cm) |
| Item Weight | 1.52 pounds (0.69 kg) |
| Operating Temperature | -4°F to 140°F (-20°C to 60°C) |







WARRANTY AND SUPPORT

The UTRAI T1 Portable Jump Starter comes with a **2-year warranty** and **lifetime technical support**.

If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact UTRAI customer support. Our team is available to provide technical assistance and resolve any issues you may encounter.

For support, please refer to the contact information provided on the UTRAI official website or your purchase documentation.

Related Documents - T1

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|--|---|
| <div></div> | <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> | <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> |
| <div></div> | <p>UTRAI Jump Starter JS-Mini User Manual</p> <p>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.</p> |
| <div></div> | <p>UTRAI JS-1 Pro Jump Starter User Manual: Features, Operation, and Safety</p> <p>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.</p> |
| <div></div> | <p>UTRAI JS-Mini Jump Starter User Manual</p> <p>Comprehensive user manual for the UTRAI JS-Mini portable car jump starter, covering specifications, operation, safety information, and customer support.</p> |
| <div></div> | <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> |