Buture Pro BR300-1

BuTure BR300 Portable Jump Starter User Manual

Model: BR300-1

1. Product Overview

The BuTure BR300 is a compact and powerful portable jump starter designed to start 12V vehicles with up to 6.0L gasoline or 5.0L diesel engines. It also functions as a portable power bank and features an integrated LED flashlight with multiple modes.



Image: BuTure BR300 Portable Jump Starter with intelligent clamps and a USB-C charging cable.

Package Contents:

- BuTure BR300 Jump Starter Unit
- Intelligent Jumper Clamps
- USB Type-C Cable
- User Manual

Product Components:



Image: Detailed view of the BR300 unit, highlighting the ON/OFF button, battery indicator, jump start port, LED light, USB output ports, and USB-C input port.

1. **ON/OFF Button:** Powers the unit on or off.
2. **Battery Indicator:** Displays the remaining battery charge.
3. **Jump Start Port:** Connects to the intelligent jumper clamps.
4. **LED Light:** Multi-mode flashlight for illumination, SOS, strobe, and warning.
5. **USB Output Ports:** Two ports (USB 2: 5V/2.4A, 9V/2A, 12V/1.5A; USB 1: 5V/2.1A) for charging electronic devices.
6. **USB-C Input Port:** 5V/3A for charging the jump starter unit.

2. Safety Information and Precautions

Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may

result in electric shock, fire, and/or serious injury.



Image: Visual representation of the intelligent protection features of the jumper clamps, including short circuit, overcharge, over-discharge, reverse polarity, reverse charge, overcurrent, reverse connection, and overheat protection.

Intelligent Protection System:

The intelligent jumper clamps are designed with multiple safety features to protect both the user and the vehicle:

- **Short Circuit Protection:** Prevents damage from accidental short circuits.
- **Overcharge Protection:** Protects the unit from being overcharged.
- **Over-discharge Protection:** Prevents excessive discharge of the unit's battery.
- **Reverse Polarity Protection:** Warns and prevents operation if clamps are connected incorrectly to battery terminals.
- **Reverse Charge Protection:** Prevents current flow back from the vehicle battery to the jump starter.
- **Overcurrent Protection:** Safeguards against excessive current draw.
- **Reverse Connection Protection:** Provides an audible and visual warning for incorrect connections.

- **Overheat Protection:** Shuts down the unit if it becomes too hot.

General Safety Guidelines:

- Always ensure the jump starter is fully charged before use.
- Do not attempt to jump start a frozen battery.
- Do not connect the positive and negative clamps together.
- Keep out of reach of children.
- Do not expose the unit to extreme temperatures or moisture.
- If the intelligent clamps indicate an error (e.g., beeping, flashing lights), disconnect and re-evaluate the connection.

3. Setup and Initial Charging

Before first use, fully charge the BuTure BR300 jump starter.

Charging the Jump Starter:

1. Connect the provided USB Type-C cable to the USB-C input port on the jump starter.
2. Connect the other end of the USB Type-C cable to a 5V/3A USB wall adapter (not included) or a compatible USB charging port.
3. The battery indicator lights will illuminate and flash during charging. All indicator lights will be solid when charging is complete.
4. A full charge typically takes approximately 5 hours.

4. Operating Instructions

Jump Starting a Vehicle:

Ensure the jump starter has at least 50% charge before attempting to jump start a vehicle.



Image: Step-by-step guide showing how to connect the intelligent clip, connect to the vehicle battery, start the vehicle, and remove the jump cable.

1. **Insert the Smart Clip:** Firmly insert the blue plug of the intelligent jumper clamps into the jump start port on the BR300 unit. Ensure a secure connection.
2. **Connect to Vehicle Battery:** Attach the red positive (+) clamp to the positive (+) terminal of the vehicle's battery. Attach the black negative (-) clamp to the negative (-) terminal of the vehicle's battery. The intelligent clamps will indicate a correct connection (e.g., solid green light). If an error is indicated (e.g., red light, beeping), check connections and battery condition.
3. **Start the Vehicle:** Once the clamps are correctly connected and the intelligent clamp indicator is green, start your vehicle's engine.
4. **Remove the Jump Cable:** After the vehicle starts, immediately disconnect the intelligent clamps from the vehicle battery terminals, then disconnect the clamps from the jump starter unit.

Note: *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.*

Using as a Portable Power Bank:

The BR300 can charge various electronic devices such as smartphones, tablets, and cameras.



Image: The BR300 unit connected via USB cables to charge a smartphone and a tablet simultaneously.

1. Connect your device's USB charging cable to one of the USB output ports on the BR300 unit.
2. The BR300 will automatically begin charging your device.
3. You can charge two devices simultaneously.

Using the LED Light:

The integrated LED light has four modes for various situations.



Image: The BR300's LED light demonstrating its four modes: standard illumination, SOS signal, strobe light, and a red/blue warning flash.

1. Press and hold the ON/OFF button for a few seconds to turn on the LED light (Illumination mode).
2. Press the ON/OFF button briefly to cycle through the modes: Illumination → Strobe → SOS → Warning (red/blue flash).
3. Press and hold the ON/OFF button again to turn off the LED light.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your BuTure BR300.

- **Charging:** Recharge the unit at least once every three months to maintain battery health, even if not in use.
- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures.

- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use harsh chemicals or abrasive materials.
- **Clamps:** Keep the intelligent clamps clean and free of dirt or corrosion.

6. Troubleshooting

If you encounter issues with your BuTure BR300, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Charge the unit fully.
Vehicle does not start.	Low charge on jump starter; incorrect clamp connection; vehicle battery too severely discharged; engine size exceeds capacity.	Ensure unit is fully charged. Check clamp connections (red to +, black to -). Refer to intelligent clamp indicator for errors. Ensure vehicle engine size is within specifications (6.0L Gas / 5.0L Diesel).
Intelligent clamps show error (red light/beeping).	Reverse polarity, short circuit, overcurrent, or other protection triggered.	Disconnect clamps from battery and unit. Re-check connections carefully. Ensure battery terminals are clean. Allow unit to cool if overheated.
LED light does not work.	Unit is off; low battery.	Press and hold ON/OFF button to activate. Charge the unit.

If problems persist, please contact customer support.

7. Specifications

Feature	Specification
Model	BR300-1
Peak Current	800A
Battery Capacity	12800mAh
Engine Compatibility	Up to 6.0L Gasoline / 5.0L Diesel
Input (USB-C)	5V/3A
Output (USB 1)	5V/2.1A
Output (USB 2)	5V/2.4A, 9V/2A, 12V/1.5A (Quick Charge 3.0)

Feature	Specification
Dimensions (L x W x H)	16.5 x 8.5 x 3 cm (6.5 x 3.3 x 1.2 inches)
Weight	384 g (0.85 lbs)
Battery Type	Lithium-polymer

8. Warranty and Support

BuTure provides friendly customer service. For any questions, concerns, or technical assistance, please refer to the contact information provided with your purchase or visit the official BuTure website.

Please retain your proof of purchase for warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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