BuTure Pro BR300-1

BuTure BR300-1 Portable Car Jump Starter User Manual

Introduction

The BuTure BR300-1 is a versatile portable jump starter designed to provide emergency power for vehicles with dead batteries. It also functions as a power bank for electronic devices and includes an integrated LED flashlight for various situations. This device offers a 1200A peak current and a 15800mAh battery capacity, capable of starting vehicles with up to 7.0L gasoline or 6.0L diesel engines. Its smart clamp system incorporates multiple protection features for safe operation.



Image: BuTure BR300-1 Portable Car Jump Starter with smart clamps.

Package Contents

Please check the package for the following items:

- BuTure BR300-1 Jump Starter Unit
- Smart Clamps (Red for positive, Black for negative)
- USB Type-C Charging Cable
- User Manual (this document)

Product Overview

Familiarize yourself with the components of your BuTure BR300-1 Jump Starter:



Image: Detailed diagram of the BuTure BR300-1 Jump Starter showing its ON/OFF button, battery indicator lights, jump start port, LED light, USB 2 output, USB 1 (QC 3.0) output, and USB-C input.

1. **ON/OFF Button:** Powers the device on or off.
2. **Battery Indicator:** Displays the current charge level of the jump starter.
3. **Jump Start Port:** Connects the smart clamps for vehicle jump starting.
4. **LED Light:** Multi-mode flashlight for illumination, SOS, strobe, and warning.
5. **USB 2 Output (5V/2.1A):** Standard USB output for charging electronic devices.
6. **USB 1 Output (QC 3.0: 5V/3A, 9V/2A, 12V/1.5A):** Quick Charge 3.0 compatible output for faster charging.
7. **USB-C Input (5V/3A):** Port for recharging the jump starter unit.

Charging the Device

Before initial use, and periodically thereafter, ensure your BuTure BR300-1 is fully charged.

- Connect the provided USB Type-C cable to the USB-C Input port on the jump starter.

- Connect the other end of the USB Type-C cable to a 5V/3A USB wall adapter (not included). A 5V/2A adapter will take approximately 5-6 hours for a full charge.
- The battery indicator lights will illuminate to show the charging progress. All lights will be solid when fully charged.
- To prolong battery life, it is recommended to fully charge the unit every 3 to 6 months, even when not in use.
- Always ensure the battery level is above 50% before attempting to jump start a vehicle.

Setup

Before using the jump starter, perform these initial checks:

- Verify the jump starter is adequately charged (above 50% for jump starting).
- Ensure the vehicle's battery is a 12V system.
- Turn off the vehicle's ignition and all accessories (lights, radio, air conditioning).

Operating Instructions

1. Jump Starting a Vehicle

Follow these steps to safely jump start your vehicle:



Image: Step-by-step guide for jump starting a vehicle.

1. **Connect Smart Clamps:** Insert the blue plug of the smart clamps firmly into the jump start port on the BuTure BR300-1 unit.
2. **Connect to Vehicle Battery:** Attach the red (+) clamp to the positive terminal of the vehicle's battery and the black (-) clamp to the negative terminal. The smart clamps will indicate a correct connection (e.g., a solid green light). If an error is detected, the clamps will provide warning signals.
3. **Start Vehicle:** Once the clamps are correctly connected and the indicator shows 'Ready to work', start your vehicle's engine.
4. **Remove Clamps:** After the vehicle starts, immediately remove the smart clamps from the vehicle battery terminals, then unplug the smart clamp cable from the jump starter unit.

The smart clamps feature 8 types of intelligent protection against short circuits, overheating, overvoltage, overcharge, deep discharge, overcurrent, and reverse polarity, ensuring safe operation.



Image: Smart clamp indicator lights for various statuses.

2. Using as a Power Bank

The BuTure BR300-1 can charge your electronic devices:



Image: BuTure BR300-1 charging a smartphone and tablet.

- Connect your mobile device's USB charging cable to either the USB 1 (Quick Charge 3.0) or USB 2 output port on the jump starter.
- The jump starter will automatically begin charging your device.
- It supports charging two devices simultaneously.

3. Using the LED Flashlight

The integrated LED flashlight offers multiple modes for different situations:



Image: BuTure BR300-1 LED light modes.

- Press the LED light button once to turn on the **Illumination** mode.
- Press again to cycle through **Flash**, **SOS**, and **Warning** modes.
- Press and hold the button to turn off the LED light.

Safety Precautions

To ensure safe operation and prevent damage to the device or injury, please observe the following:

- Do not short circuit the smart clamps.
- Do not expose the device to extreme temperatures (above 60°C or below -20°C).
- Keep the device away from children.
- Do not disassemble the unit. Unauthorized repairs will void the warranty.
- Use only the provided smart clamps and USB Type-C cable.
- Do not jump start a vehicle if the jump starter's battery level is below 50%.

- Ensure correct polarity when connecting the clamps to the vehicle battery (red to positive, black to negative). The smart clamps will provide warnings for incorrect connections.
- Remove the jump starter from the vehicle battery immediately after the vehicle starts.

Maintenance

Proper maintenance will extend the lifespan of your BuTure BR300-1:

- Store the device in a cool, dry place, away from direct sunlight and moisture.
- Recharge the unit every 3 to 6 months to maintain battery health, even if it has not been used.
- Clean the exterior of the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

Troubleshooting

If you encounter issues with your BuTure BR300-1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not turning on	Low battery level	Recharge the jump starter fully.
Vehicle not starting	Jump starter battery too low	Ensure jump starter is above 50% charge.
	Incorrect clamp connection	Recheck connections: red to positive (+), black to negative (-). Observe smart clamp indicators.
	Vehicle battery severely damaged	The jump starter may not be able to start a completely dead or damaged battery. Seek professional assistance.
Smart clamp warning light/sound	Incorrect connection, reverse polarity, or short circuit detected	Disconnect clamps, re-evaluate the connection points, and reconnect carefully following instructions.
Devices not charging from USB ports	Jump starter battery too low or cable issue	Recharge the jump starter. Try a different USB cable.

Specifications

Detailed technical specifications for the BuTure BR300-1 Portable Car Jump Starter:

Brand	BuTure Pro
Model	BR300-1
Peak Current	1200 A
Battery Capacity	15800 mAh (Lithium-polymer)
Output Voltage	12 Volts
USB 1 Output	Quick Charge 3.0 (5V/3A, 9V/2A, 12V/1.5A)

USB 2 Output	5V/2.1A
USB-C Input	5V/3A
Dimensions (L x W x H)	16.5 x 8.5 x 3 cm
Weight	810 g
Vehicle Service Type	Car (up to 7.0L Gas / 6.0L Diesel)
Certifications	CE
ASIN	B08THDLF3L

Warranty and Support

Your BuTure BR300-1 Portable Car Jump Starter comes with a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact the seller directly. For any questions, technical assistance, or support, please reach out to the friendly customer service team.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question