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BuTure VAC Beta05

BuTure VAC Car Battery Jump Starter 5000A User Manual

Model: Beta05

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INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your BuTure VAC Car Battery Jump Starter 5000A, Model Beta05. Please read this manual thoroughly before operation to ensure proper functionality and to prevent damage to the device or vehicle.

1. SETUP

1.1 What's in the Box

Upon opening the package, verify that all components are present:

- 1x 5000A Car Jump Starter Portable
- 1x Heavy-Duty Jumper Cable with forced start button
- 1x USB-C Quick Charging Cable
- 1x DC Cigarette Lighter Adaptor
- 1x Rugged Carrying Case



Figure 1: All components included in the product package, showing the jump starter unit, jumper cables, charging cables, DC adapter, and carrying case.

1.2 Initial Charging

Before first use, ensure the jump starter is fully charged. Connect the provided USB-C charging cable to the jump starter's input port and plug the other end into a compatible USB power adapter (not included). The LCD screen will illuminate, displaying the current battery percentage. A full charge is indicated by 100% on the display.

It is recommended to keep the jump starter fully charged for optimal performance, especially before attempting to jump-start a vehicle.

2. OPERATING INSTRUCTIONS

2.1 Turning On the Device

Press the power button once to turn on the jump starter. The LCD screen will illuminate, displaying the current battery percentage.

2.2 Connecting to a Vehicle Battery

1. Ensure the jump starter is turned on and fully charged.
2. Connect the heavy-duty jumper cable's plug firmly into the jump starter's output port. Ensure a secure connection.
3. Attach the **RED** positive (+) clamp to the positive (+) terminal of the vehicle's battery.
4. Attach the **BLACK** negative (-) clamp to the negative (-) terminal of the vehicle's battery.
5. Observe the indicator lights on the jumper cable's smart clamp. A solid green light indicates a correct connection and readiness to jump-start.

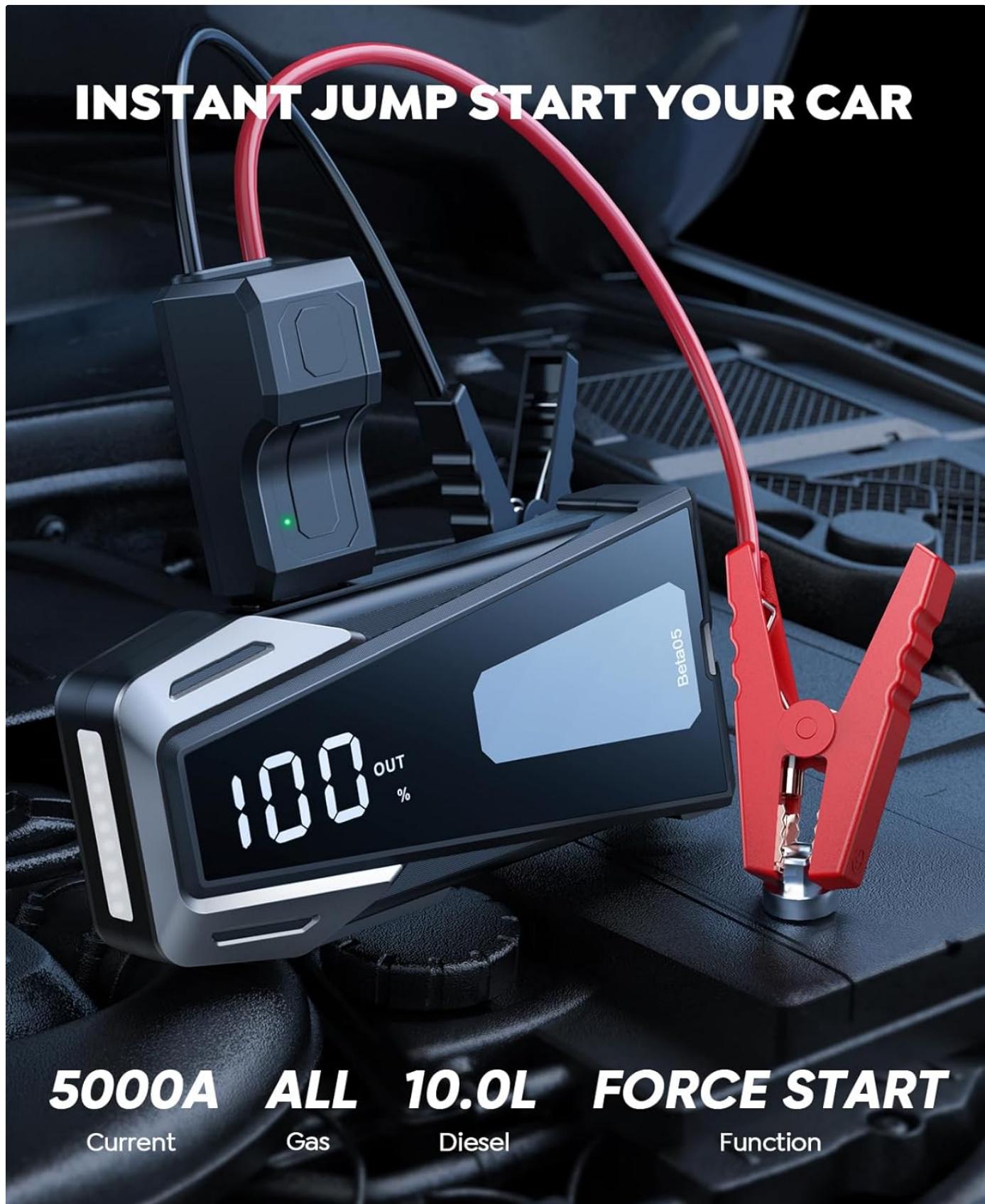


Figure 2: The jump starter connected to a vehicle battery, showing the red clamp on the positive terminal and the black clamp on the negative terminal.

2.3 Starting the Vehicle

Once the clamps are correctly connected and the indicator light is green, return to your vehicle and attempt to start the engine. If the vehicle does not start on the first attempt, wait at least 30 seconds before trying again. Do not crank the engine for more than 3 seconds per attempt.

After the vehicle starts, immediately disconnect the negative (-) clamp first, followed by the positive (+) clamp. Then, disconnect the jumper cable from the jump starter unit.

2.4 Force Start Function

For completely dead batteries (where the smart clamp does not show a green light), the jump starter features a "Force Start" button. Press and hold this button for 3-5 seconds until the indicator light turns solid green. This bypasses some safety checks and provides maximum current. Use this function with caution and only when necessary.

3. MULTI-PURPOSE FEATURES

3.1 Power Bank Functionality

The jump starter doubles as a portable power bank with a 23,800mAh capacity. It includes two USB outputs for charging smartphones, tablets, cameras, and other electronic devices. A DC cigarette lighter adapter is also provided to power 12V DC devices such as handheld vacuum cleaners or car tire pumps.

4-IN-1 BRIGHT LIGHTING



Flashlight



Strobe (White)



Strobe (Orange)



SOS



Figure 3: The jump starter unit connected via USB to charge a smartphone and a tablet, demonstrating its power bank capabilities.

3.2 Integrated Lighting

The device features a super bright LED light with four modes:

- **Flashlight:** For general illumination.
- **Strobe (White):** For signaling or attracting attention.
- **Strobe (Orange):** Can function as a warning triangle.

- **SOS:** For emergency signaling.

To activate the light, press and hold the power button. Tap the power button to cycle through the different modes.

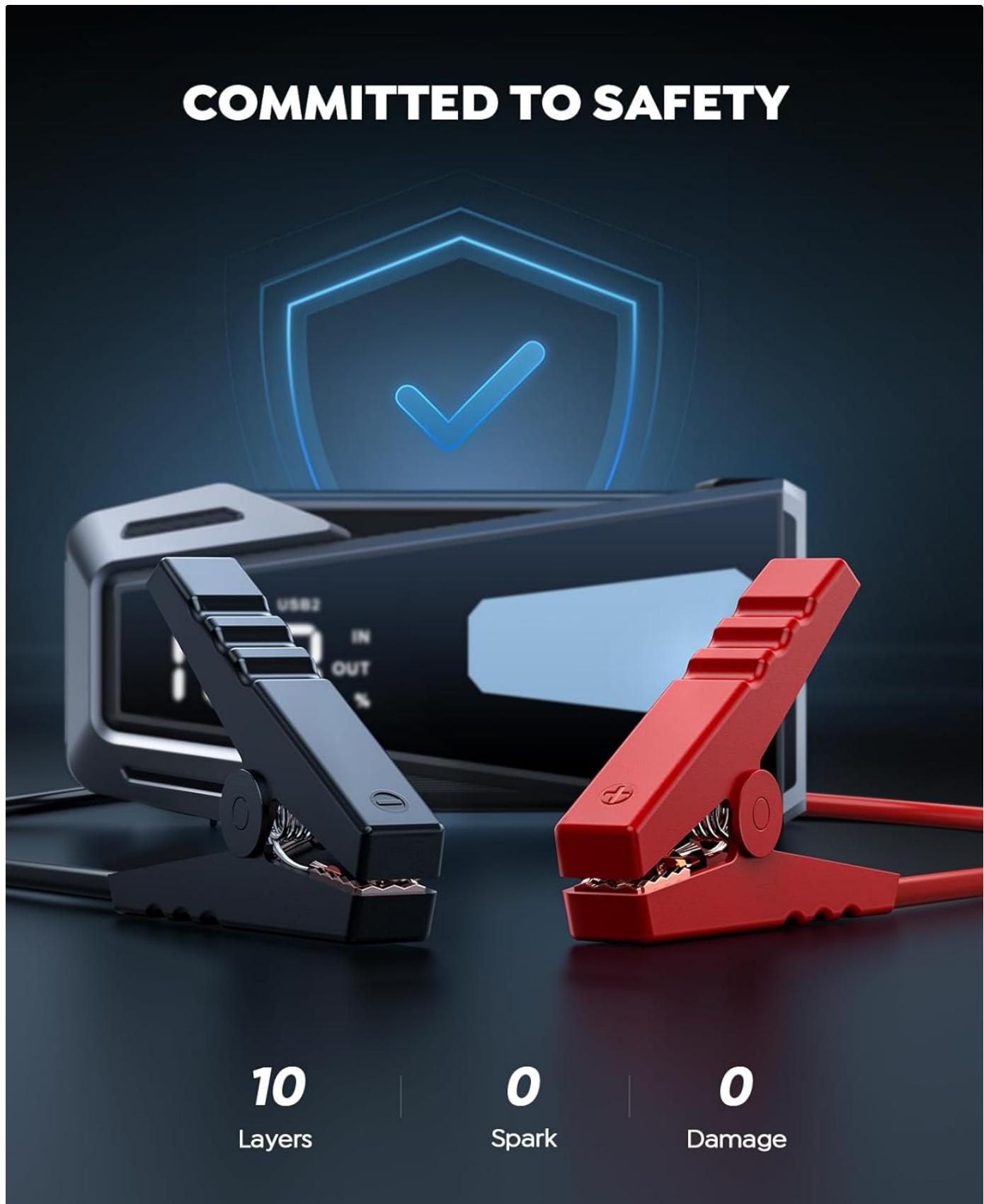


Figure 4: The jump starter unit with its integrated LED light activated, showcasing its use as a flashlight in an outdoor setting.

4. MAINTENANCE

4.1 Charging and Storage

To maintain optimal battery life and readiness, fully charge the jump starter every 3-6 months, even if not in use. Store the device in its rugged carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.

4.2 Durability Features

The BuTure VAC jump starter is designed with durability in mind, featuring a rugged housing that provides:

- **Waterproof capabilities:** Suitable for use in rainy conditions.
- **Dust-proof design:** Adapts to harsh environments.
- **Drop-resistant construction:** Protects against accidental drops.

5. TROUBLESHOOTING

5.1 Common Issues

- **Device not turning on:** Ensure the battery is charged. If completely depleted, connect to a charger for a few minutes before attempting to turn on.
- **Vehicle not starting:**
 - Check that the jumper cables are securely connected to both the jump starter and the vehicle battery terminals.
 - Verify that the smart clamp indicator light is green. If not, adjust connections or use the "Force Start" function if the battery is completely dead.
 - Allow a brief pause (30 seconds) between starting attempts to prevent overheating.
- **Smart clamp indicator light is red or flashing:** This indicates an incorrect connection (e.g., reverse polarity) or a fault. Disconnect immediately and re-check connections.

5.2 Safety Protections

The BuTure VAC jump starter incorporates a German-imported smart chip that provides 10 safety protections, including:

- Over-charge protection
- Over-current protection
- Short circuit protection
- Over-heat protection
- Extreme temperature protection
- Over-voltage protection
- Reverse connection protection
- Low voltage protection
- Over-load protection
- Spark-proof protection

WHAT'S IN BOX



Figure 5: A close-up of the jumper clamps and the jump starter, highlighting the built-in safety features and spark-proof design.

6. SPECIFICATIONS

Feature	Detail
Brand	BuTure VAC

Feature	Detail
Model	Beta05
Peak Output Current	5000 Amps
Amperage	5000 Amps
Item Weight	1000 Grams (2.2 pounds)
Battery Type	Lithium Polymer (4 batteries included)
Battery Capacity	23,800mAh (approximate, derived from feature bullets)
USB Outputs	2 (Fast outputs)
DC Output	1x 160W DC Out (via cigarette lighter adapter)
USB-C Input Port	1 (for charging the unit)
Lighting Modes	Flashlight, Strobe (White), Strobe (Orange), SOS
Safety Protections	10 smart protections (e.g., over-charge, short circuit, reverse connection)
Automotive Fit Type	Universal Fit (All Gas/10.0L Diesel engines)
Operating Temperature	Down to -20°C (from feature bullets)
Certification	UL (Specification Met)

7. WARRANTY & SUPPORT

The BuTure VAC Car Battery Jump Starter comes with a **2-year hassle-free return policy** and **lifetime technical support**.

If you encounter any issues or have questions regarding your product, please contact BuTure VAC customer service through the retailer's platform or visit the official BuTure VAC store for assistance. Please have your purchase details and model number (Beta05) ready when contacting support.

For more information, visit the [BuTure VAC Store on Amazon](#).