

BRPOM BM502-IT

BRPOM 1500A 15800mAh Portable 12V Car Jump Starter User Manual

Model: BM502-IT

1. INTRODUCTION AND OVERVIEW

The BRPOM 1500A 15800mAh Portable Car Jump Starter is a powerful and versatile device designed to start 12V vehicles with up to 7.0L gasoline or 5.5L diesel engines. It provides up to 30 jump starts on a single charge, making it suitable for cars, trucks, motorcycles, watercraft, lawnmowers, yachts, pickups, snowmobiles, and more. This device ensures you can start your vehicle quickly in unexpected situations. It also functions as a portable power bank and features multiple LED light modes for emergencies.

2. PRODUCT COMPONENTS

Carefully unpack your BRPOM Car Jump Starter and ensure all components are present:

- 1x BRPOM Car Jump Starter (Model: BM502-IT)
- 1x Type-C Charging Cable
- 1x Smart Jumper Cable with Clamps
- 1x User Manual



Figure 2.1: What's in the Box - BRPOM Car Jump Starter and accessories.

3. SETUP AND CHARGING

3.1 Initial Charge

Before first use, fully charge the BRPOM Car Jump Starter. Connect the provided Type-C charging cable to the device and a suitable USB power adapter (not included). The device can hold a charge for up to 12 months, allowing for up to 30 jump starts on a full charge. Its extremely low self-discharge rate prevents charge loss during storage.

RESTEZ CHARGÉ

JUSQU'À 18 MOIS



RECHARGE USB 18W

Adaptor is not included
L'adaptateur n'est pas inclus

Figure 3.1: Charging the BRPOM Car Jump Starter.

3.2 Connecting the Smart Jumper Cables

Ensure the jump starter is fully charged before connecting the smart jumper cables. Firmly insert the blue end of the smart jumper cable into the EC5 port on the jump starter. The indicator light on the smart clamp will flash or show a status.

4. OPERATING INSTRUCTIONS: JUMP STARTING YOUR VEHICLE

Follow these steps to safely jump start your vehicle:

1. **Prepare Your Vehicle:** Ensure your vehicle is in Park (P) or Neutral (N) and the parking brake is engaged. Turn off all vehicle accessories (lights, radio, air conditioning).
2. **Connect the Smart Jumper Cables:**
 - Connect the **red** clamp to the vehicle's positive (+) battery terminal.
 - Connect the **black** clamp to the vehicle's negative (-) battery terminal.



Figure 4.1: Correctly connecting the smart jumper cables to the car battery.

3. **Check the Indicator:** The smart clamp's indicator light will show the connection status. A solid green light indicates a correct and ready connection. If it flashes or beeps, refer to the safety and troubleshooting sections.
4. **Start Your Vehicle:** Once the indicator is solid green, start your vehicle's engine. If it doesn't start immediately, wait 30 seconds before trying again. Do not attempt more than 3 consecutive starts.
5. **Remove Cables:** As soon as the vehicle starts, immediately remove the smart jumper cables from the car battery, first the black (negative) clamp, then the red (positive) clamp. Then disconnect the smart cable from the jump starter.

Your browser does not support the video tag.

Video 4.1: Demonstration of the BRPOM Car Jump Starter in action, showing connection and vehicle start-up.

5. SAFETY INFORMATION

The BRPOM Car Jump Starter is designed with multiple safety features to ensure safe operation:

- **Spark-Proof Technology:** Prevents sparks during connection.

- **Reverse Polarity Protection:** Protects against incorrect battery terminal connections.
- **Over-Current Protection:** Safeguards against excessive current flow.
- **High-Temperature Protection:** Prevents overheating of the device.
- **Overcharge Protection:** Protects the internal battery from overcharging.

An audible buzzer and flashing lights on the smart clamp will indicate incorrect usage or potential issues. Always pay attention to these warnings.



Figure 5.1: BRPOM Car Jump Starter safety features.

6. ADDITIONAL FEATURES

6.1 Portable Power Bank

This car jump starter is equipped with 2 USB charging ports, allowing you to quickly charge your mobile phone, tablet, and other devices at the fastest possible speed.

4 MODES

LUMIÈRE D'URGENCE



Éclairage



Stroboscope



SOS



Avertissement



Figure 6.1: Using the jump starter as a power bank to charge devices.

6.2 LED Light Modes

The device features 4 practical LED light modes (Flashlight, Strobe, SOS, Alarm) to assist you in dark conditions or during nighttime emergencies. Press the light button to cycle through the modes.



Figure 6.2: LED light modes for emergency situations.

6.3 Emergency Safety Hammer

An integrated safety hammer at the bottom of the device can be used to break windows in emergency accident situations, providing an additional layer of safety.



Figure 6.3: Emergency safety hammer feature.

7. SPECIFICATIONS

Feature	Specification
Brand	BRPOM
Model Number	BM502-IT
Battery Capacity	15800 mAh
Peak Output Current	1500 A
Voltage	12 Volts
Battery Composition	Polymer
Product Dimensions (L x W x H)	9 x 18 x 4 cm

Item Weight	381 Grams
Compatible Vehicle Types	Car, Truck, Motorcycle, Snowmobile
Compliant Specifications	CE
Operating Temperature	-4°F to 140°F (-20°C to 60°C)

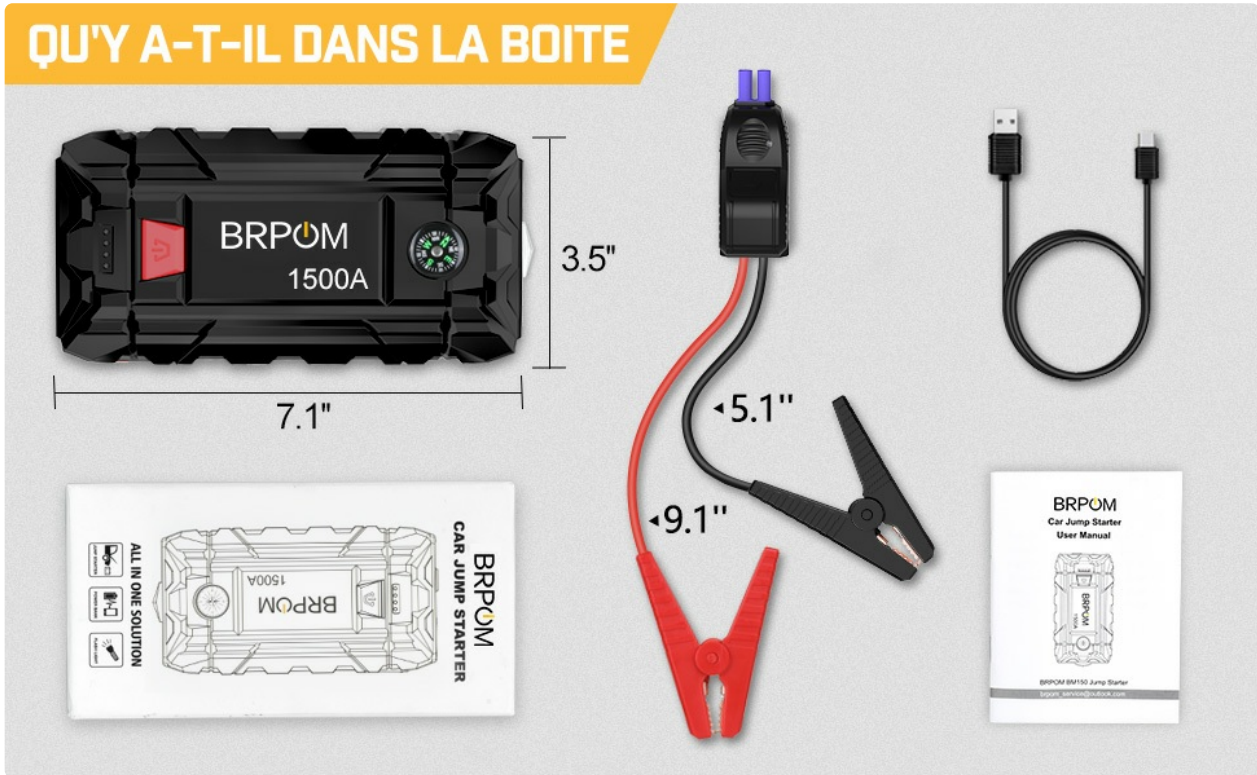


Figure 7.1: Operating temperature range.

8. MAINTENANCE

- Store the jump starter in a cool, dry place away from direct sunlight and moisture.
- Recharge the device every 3-6 months, even if not used, to maintain optimal battery health.
- Clean the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive materials.
- Keep the smart clamps clean and free of corrosion.

9. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is charged. If it's fully charged and still not turning on, contact customer support.
- **Vehicle not starting:**

- Check that the smart clamps are securely connected to the correct battery terminals (red to positive, black to negative).
 - Ensure the smart clamp indicator light is solid green. If it's flashing or beeping, refer to the smart clamp's specific error codes (if applicable) or re-check connections.
 - Wait 30 seconds between start attempts. Do not exceed 3 attempts.
 - Ensure the vehicle's battery is not completely dead (below 2V). The jump starter may not function if the battery voltage is too low.
- **Smart clamp indicator flashing/beeping:** This usually indicates an incorrect connection (e.g., reverse polarity) or a fault. Disconnect and re-connect carefully, following the operating instructions.

10. WARRANTY AND SUPPORT

BRPOM offers a two-year free warranty and exchange for this product. For any issues or inquiries, please contact our 24/7 five-star customer support team. Refer to the contact information provided in your packaging or on the official BRPOM website.