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› NEXPOW 3000A Car Jump Starter (Model Q9B) User Manual

NEXPOW Q9B

NEXPOW 3000A Car Jump Starter User Manual

Model: Q9B

1. INTRODUCTION

The NEXPOW 3000A Car Jump Starter (Model Q9B) is a powerful and portable device designed to jump-start 12-volt vehicles with engines up to 8.0L gas or 8L diesel. Beyond its primary function, it serves as a versatile power bank for charging USB devices and features multiple LED lighting modes for emergency situations. This manual provides comprehensive instructions for safe and effective use, ensuring optimal performance and longevity of your device.



Image 1.1: NEXPOW 3000A Car Jump Starter and included accessories.

2. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety warnings and instructions before using the NEXPOW Jump Starter. This device is equipped with intelligent clamp safety protection technologies to prevent common issues.

- **UL2743 Standard Certification:** The jump starter meets UL2743 safety standards.
- **Intelligent Clamp Protection:** Features protection against high temperature, reverse connection, low temperature, overload, low voltage, overcharge, over-discharge, and short circuit.
- **Spark-Proof:** Designed to prevent sparks during connection.
- Do not attempt to jump-start vehicles with engines larger than specified (8.0L gas / 8L diesel).
- Ensure proper polarity when connecting the clamps to the vehicle battery.
- Keep the device away from children.

- Do not expose the device to extreme temperatures or moisture. Operating temperature range is -4°F to 140°F (-20°C to 60°C).



Image 2.1: Overview of the 10 Smart Clamp Protection System.

3. WHAT'S INCLUDED

Upon opening your NEXPOW Jump Starter package, please verify that all the following items are present:

- NEXPOW Q9B Portable Battery Jump Starter x1
- Smart Jumper Cables with Protection System x1
- USB-A to USB-C Charging Cable x1
- Cigarette Lighter Socket Adapter x1
- EVA Storage Case x1
- User Manual x1

PACKAGE CONTENTS

Intimate warranty service up to 2-4 years



Image 3.1: All items included in the NEXPOW Q9B package.

4. SETUP AND CHARGING

Before first use, ensure your NEXPOW Jump Starter is fully charged.

4.1 Initial Charge

Use the provided USB Type-C cable to charge the jump starter. It can be charged via a wall adapter (not included) or a car charger. A full charge typically takes about 6 hours. The LED indicator lights will show the charging progress (0-25%, 26-50%, 51-75%, 76-100%).

WALL CHARGER

It takes about 4 hours to fully charge

Maintenance Tips:

Storage temperature -20 to 35°C, humidity 65%±20%

Under overcharge protection, please use a 5V/2A adapter for slow charging activation for more than 24 hours



⚠ NOTE: wall charger is not included

Image 4.1: Charging the jump starter using a wall adapter.

CAR CHARGER



Image 4.2: Charging the jump starter in a car.

4.2 Portable Power Bank Function

The jump starter features dual USB outputs (USB Output 1: 5V/3A, 9V/2A, 15V/1.5A; USB Output 2: 5V-2.1A) for quick charging of various USB devices like phones and tablets. Simply connect your device to the appropriate USB port.



Image 4.3: Using the jump starter as a portable power bank.

4.3 12V/10A DC Output

The device also includes a 12V/10A DC output, allowing you to power other 12V devices such as air compressors or car vacuums using the included cigarette lighter socket adapter.



Image 4.4: Powering external 12V devices.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting Your Vehicle

Follow these steps to safely jump-start your vehicle:

1. Ensure the jump starter is adequately charged.
2. Insert the jumper cable into the jump starter's EC5 output port.
3. Connect the red (+) clamp to the positive (+) terminal of your vehicle's battery and the black (-) clamp to the negative (-) terminal.
4. Once connected, the intelligent clamp will indicate readiness.
5. Start your car engine.
6. Once the engine starts, immediately remove the jumper cables from the car battery, then disconnect from the jump starter.

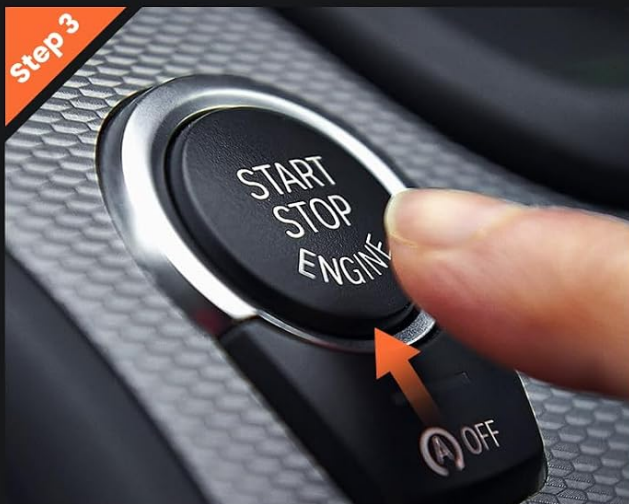
HOW TO JUMP START YOUR CAR



Insert the jumper cable into the jump starter



Connect the clamps to the car battery



Start the car engine



Remove the jumper cable

Image 5.1: Step-by-step guide for jump-starting a car.

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Video 5.1: Demonstrates how to jump start a vehicle using the NEXPOW Q9B jump starter.

5.2 LED Lighting Modes

The NEXPOW Jump Starter is equipped with a bright LED flashlight with four modes:

- **Spotlight:** Long press the LED button for 2 seconds to activate.
- **Strobe:** Short press the LED button to cycle to Strobe mode.
- **SOS:** Short press the LED button again to cycle to SOS mode.
- **Red Blue Warning:** Short press the LED button once more for the alternating red and blue warning light.

LED FLASHLIGHT

Long press the LED button for 2 seconds



FLASHLIGHT



Short press the LED button



SOS



Short press the LED button



STORBE



Short press the LED button



RED BLUE WARNING



Image 5.2: Illustration of the four LED lighting modes.

6. MAINTENANCE

To ensure the longevity and optimal performance of your NEXPOW Jump Starter, follow these maintenance tips:

- If the jump starter is not used for a long time, it is recommended to charge it every 2-3 months to maintain battery health.
- Store the device in its EVA storage case in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the ports and clamps clean and free of dust or debris.

7. TROUBLESHOOTING

If you encounter issues with your NEXPOW Jump Starter, refer to the following common problems and solutions:

7.1 Jumper Cable Indicator Guide

The intelligent jumper cable features an indicator display that provides feedback on connection status and potential issues:

Indicator	Meaning
"Normal" (e.g., 12.0V)	Correct connection, ready to jump-start.
"R" or "SC"	Reverse connection or short circuit. Recheck clamp polarity.
"RC"	Reverse charge. Disconnect and re-connect correctly.
"HT"	High temperature. Allow the device to cool down.
"LV"	Low voltage. Recharge the jump starter.
"Overload" / "Excess Connection Time"	Indicates an issue with the vehicle or prolonged connection. Disconnect and re-evaluate.

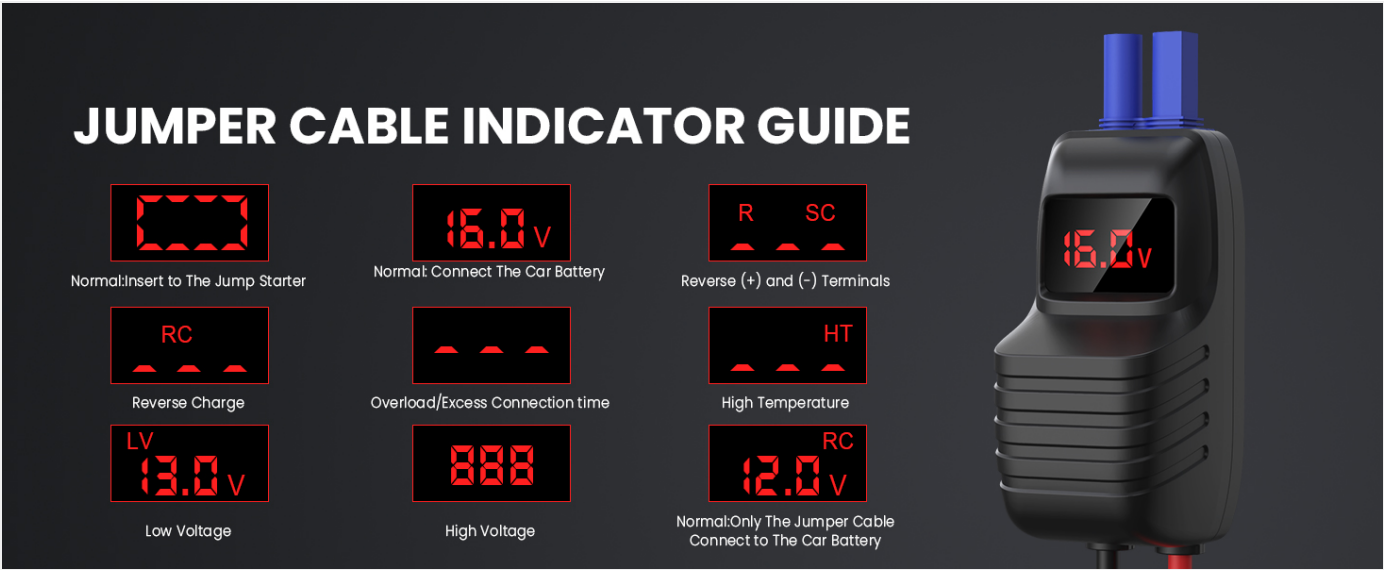


Image 7.1: Detailed guide for jumper cable indicator readings.

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Video 7.1: Provides troubleshooting causes and instructions for the jump starter.

8. SPECIFICATIONS

Feature	Specification
Brand	NEXPOW
Model	Q9B
Peak Output Current	3000 Amps
Engine Compatibility	Up to 8.0L Gas / 8L Diesel Engines
Product Dimensions	8.6"D x 5.1"W x 3.9"H
Item Weight	1.33 Pounds
Battery Type	Lithium Ion (1 required, included)
USB Output 1	5V/3A, 9V/2A, 15V/1.5A (Quick Charge)
USB Output 2	5V-2.1A

Feature	Specification
DC Output	12V/10A
LED Modes	Spotlight, Strobe, SOS, Red Blue Warning
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Certification	UL2743 Standard



Image 8.1: Operating temperature range of the jump starter.

9. WARRANTY AND SUPPORT

NEXPOW provides customer support for its products. For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided in the user manual included in your product package or visit the official NEXPOW website. The product typically comes with a warranty period, which may extend up to 2-4 years depending on the terms and conditions.

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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