NOCO GB150

NOCO Boost GB150: UltraSafe Jump Starter User Manual

Model: GB150 | Brand: NOCO

1. INTRODUCTION AND OVERVIEW

The NOCO Boost GB150 is a compact yet powerful 3000-amp lithium jump starter designed to safely jump start a dead car battery in seconds. It is suitable for a wide range of vehicles including cars, trucks, motorcycles, ATVs, boats, SUVs, and vans. This portable booster can deliver up to 80 jump starts on a single charge and is rated for gasoline engines up to 9.0 liters and diesel engines up to 7.0 liters. It incorporates UltraSafe Technology with spark-proof connections and reverse polarity protection for safe and error-free operation. Beyond jump starting, it functions as a portable USB-C power bank and features an integrated 500-lumen LED flashlight with multiple light modes for various situations.

Image: The NOCO Boost GB150, a powerful and portable jump starter.

2. WHAT'S IN THE BOX

Your NOCO Boost GB150 package includes the following items:

- GB150 Portable Car Battery Jump Starter Pack
- Heavy-Duty Booster Clamps
- XGC Male and Female Connectors
- XGC Cable
- USB-C Charging Cable
- User Guide for Jump Starter
- 1-Year Limited Warranty Information

Image: All components included with the NOCO Boost GB150.

3. SETUP

Before initial use, fully charge your GB150. The unit recharges in approximately 7 hours using the provided USB-C charging cable. Ensure the unit is fully charged for optimal performance and to maximize the number of jump starts per charge.

Image: The NOCO Boost GB150 showing its charging and power output ports.

4. OPERATING INSTRUCTIONS

4.1 Jump Starting a Vehicle

1. **Attach Clamps:** Connect the heavy-duty booster clamps to your vehicle's battery terminals. Ensure the red clamp is connected to the positive (+) terminal and the black clamp to the negative (-) terminal. The UltraSafe Technology provides spark-proof connections and reverse polarity protection.

2. **Power On:** Press the power button on the GB150 unit. The power LED will illuminate.

3. **Start Vehicle:** Attempt to start your vehicle. The GB150 is designed to jump start engines up to 9.0L gas and 7.0L diesel.

4. **Power Off & Detach:** Once the vehicle starts, power off the GB150 and detach the clamps from the battery terminals.

Image: The NOCO Boost GB150 ready to start a dead battery.

Image: The UltraSafe Technology ensures spark-proof connections and reverse polarity protection.

4.2 Charging External Devices (Power Bank)

The GB150 features an integrated USB-C power bank. Connect your smartphone, tablet, or other USB-powered devices to the USB-C output port on the unit to charge them on the go.

4.3 Integrated LED Flashlight

The GB150 includes a powerful 500-lumen LED flashlight. Press the flashlight button to cycle through its seven light modes, including various brightness levels, SOS, and emergency strobe. This feature is ideal for illuminating repairs, roadside visibility, or emergency situations in low-light conditions.

Image: The powerful 500-lumen LED flashlight with multiple modes.

5. MAINTENANCE

To ensure the longevity and optimal performance of your NOCO Boost GB150, follow these maintenance guidelines:

- **Regular Charging:** Recharge the unit after each use and at least every 3-6 months to maintain battery health, even if not used.
- **Storage:** Store the GB150 in a cool, dry place. Its rugged IP65-rated housing protects against water, dust, and impact, but proper storage extends its lifespan.
- **Cleaning:** Keep the unit and clamps clean and free of debris. Use a soft, dry cloth for cleaning.

6. TROUBLESHOOTING

If you encounter issues with your NOCO Boost GB150, refer to the following common troubleshooting tips. For more detailed information, consult the full user guide.

- **Unit Not Turning On:** Ensure the unit is sufficiently charged. If the battery is completely depleted, it may take a few minutes of charging before the unit responds.
- **Vehicle Not Starting:** Double-check that the clamps are securely connected to the correct battery terminals (red to positive, black to negative). The GB150 has reverse polarity protection, which will prevent operation if connections are incorrect. Ensure the vehicle's battery voltage is not extremely low (below 2V), which might require using the manual override feature (refer to the full user guide for instructions on manual override).
- **Error LED Blinking:** The Error LED (red exclamation mark) indicates a problem. The number of blinks (1 to 6) conveys specific error conditions. Refer to the user guide for a detailed explanation of error codes and their solutions.
- **Slow Charging:** Ensure you are using the provided USB-C charging cable and a compatible power adapter. Charging time can vary based on the power source.

Image: Understanding the LED indicators on your NOCO Boost GB150.

7. SPECIFICATIONS

Specification	Value
Brand	NOCO
Model	GB150
Product Dimensions	8.19"D x 4.88"W x 13.7"H
Item Weight	7.5 Pounds
Amperage	3000 Amps
Peak Output Current	3000 Amps
Engine Compatibility (Gas)	Up to 9.0 Liters
Engine Compatibility (Diesel)	Up to 7.0 Liters
Integrated Flashlight	500 Lumen LED with 7 modes
Water & Dust Resistance	IP65-rated

8. WARRANTY & SUPPORT

The NOCO Boost GB150 is backed by a 1-year limited warranty. For detailed warranty information, product support, or to download the full user guide, please visit the official NOCO website or refer to the included User Guide (PDF) document.

You can access the User Guide (PDF) directly via this link:NOCO Boost GB150 User Guide

Related Documents - GB150

	NOCO GB150 BOOST PRO™ 3000A UltraSafe Lithium Jump Starter Data Sheet Comprehensive data sheet for the NOCO GB150 BOOST PRO™ 3000A UltraSafe Lithium Jump Starter. Details features, specifications, usage for gas and diesel engines, USB charging, and safety technology.
	NOCO BOOST X GBX55 User Guide & Warranty Comprehensive user guide and warranty information for the NOCO BOOST X GBX55 12V 1750A UltraSafe Lithium Jump Starter. Learn how to safely charge, jump start vehicles, and troubleshoot common issues.
	NOCO GB70 BOOST HD 2000A Lithium Jump Starter - Product Overview Detailed overview of the NOCO GB70 BOOST HD, a 2000A portable lithium jump starter. Features include Ultrasafe technology, compatibility with gas and diesel engines, USB charging, and multiple safety protections. Includes technical specifications and what's in the box.
	NOCO Boost X GBX155 User Guide & Warranty Comprehensive user guide and warranty information for the NOCO Boost X GBX155 4250A 12V UltraSafe Portable Lithium Jump Starter. Learn about safety precautions, charging instructions, jump starting procedures, troubleshooting, and technical specifications.
	NOCO Boost X GBX45 12V 1250A UltraSafe Lithium Jump Starter The NOCO Boost X GBX45 is a 12V, 1250A ultra-safe lithium jump starter designed for gas engines up to 6.5L and diesel engines up to 4.0L. Featuring fast USB-C charging, a 60-second timeout, and UltraSafe 2.0 technology with spark-proof and reverse polarity protection, it also functions as a portable power bank for USB-C devices.

[NOCO GB70 Boost HD UltraSafe Lithium Jump Starter - 2000A](#)

The NOCO GB70 Boost HD is a powerful and ultra-safe 2000A lithium jump starter designed for gasoline and diesel engines. Features spark-proof technology, reverse polarity protection, and can recharge personal devices.