DBPOWER G73

DBPOWER G73 Jump Starter User Manual

Model: G73

INTRODUCTION

The DBPOWER G73 Jump Starter is a powerful and portable device designed to jump start vehicles with dead batteries and serve as a versatile power bank for your electronic devices. Its compact design, robust features, and advanced safety protections make it an essential tool for any vehicle owner.

Image: The DBPOWER G73 Jump Starter unit with its smart jumper cables.

What's in the Box?

Upon unboxing your DBPOWER G73 Jump Starter, you will find the following components:

- 1x DBPOWER G73 Jump Starter Unit
- 1x Smart Jumper Clamps
- 1x USB-C Fast-charging Cable
- 1x User Manual

WHAT'S IN THE BOX?

Image: All components included in the DBPOWER G73 Jump Starter package.

SPECIFICATIONS

Feature	Detail
Peak Current	2000 Amps
Engine Compatibility (Gas)	Up to 8.0L
Engine Compatibility (Diesel)	Up to 6.5L
Battery Type	12V Lithium Ion
Battery Capacity	59.2Wh

LCD Display Size	2.55 inches
USB-C Input	5V/2A, 9V/2A, 12V/1.5A
USB Output 1	5V/3A, 9V/2A, 12V/1.5A
USB Output 2	5V/2.1A
LED Flashlight	400 Lumens (Stable, Strobe, SOS modes)
Standby Time	Up to 24 Months
Charging Cycles	Up to 1000
Starts per Charge	Up to 40
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Dimensions	1.5"D x 3.7"W x 7.7"H
Weight	1.1 Pounds
Certifications	UL Certified, IP65 Water Resistant & Dustproof

Image: Visual representation of the jump starter's capabilities and features.

SETUP AND CHARGING

Initial Charge

Before first use, fully charge your DBPOWER G73 Jump Starter. Use the provided USB-C cable and a compatible 5V/2A wall adapter (not included). The 2.55" LCD display will show the charging percentage. A full charge typically takes about 5 hours.

Image: Illustration of charging the jump starter via car charger or wall charger.

Power Bank Functionality

The G73 can also serve as a portable power bank. It features two USB-A output ports (USB1: 5V/3A, 9V/2A, 12V/1.5A; USB2: 5V/2.1A) to charge your smartphones, tablets, and other USB-powered devices.

Image: The jump starter connected to and charging a smartphone and a tablet.

OPERATING INSTRUCTIONS: JUMP STARTING YOUR VEHICLE

1. **Ensure Sufficient Charge:** Make sure your jump starter has at least 50% charge for optimal performance.

2. **Connect Jumper Cables to Unit:** Open the 12V Jumping Port cover on the jump starter. Insert the smart jumper cable plug firmly into the port. The LCD screen will display the battery percentage and a green light on the smart clamp will blink, indicating it's ready.

3. **Connect Clamps to Car Battery:** Attach the red (+) clamp to the positive terminal of your car battery and the black (-) clamp to the negative terminal. Ensure a secure connection. The green light on the smart clamp will become solid, indicating a correct connection and readiness to jump start. If a red light appears or an alarm sounds, check connections for polarity or other issues.

4. **Start Your Vehicle:** Return to your vehicle and start the engine.

5. **Remove Clamps:** Once the engine starts, immediately remove the clamps from the car battery terminals, then disconnect the jumper cable plug from the jump starter unit.

Image: Visual steps for connecting the jump starter to a car battery and starting the vehicle.

Using the LED Flashlight

The built-in 400 Lumens LED flashlight has three modes:

- **Stable Light:** For general illumination.
- **Strobe Light:** For signaling or attracting attention.
- **SOS:** For emergency signaling.

To activate, long press the power button. Short press to cycle through modes. Long press again to turn off.

Image: The jump starter's flashlight illuminating a dark area, highlighting its different modes.

SAFETY FEATURES

The DBPOWER G73 is equipped with advanced safety features to protect both the user and the vehicle:

- **Reverse Polarity Protection:** Prevents damage if clamps are connected incorrectly.
- **Spark-Proof Protection:** Ensures no sparks during connection.
- **Over-Charge Protection:** Prevents battery damage from overcharging.
- **High/Low Temperature Protection:** Operates safely within a wide temperature range (-4°F to 140°F).
- **Over-Load Protection:** Protects against excessive current draw.
- **Reverse Charge Protection:** Prevents current flow back to the jump starter from the car battery.
- **Over-Current Protection:** Safeguards against excessive current.

- **Over-Voltage Protection:** Protects against voltage spikes.
- **Short-Circuit Protection:** Prevents damage from short circuits.

Image: Visual representation of the various safety features integrated into the smart jumper cables.

MAINTENANCE

- **Regular Charging:** To prolong battery life, recharge the unit every 3-6 months, even if not in use. It has a standby time of up to 24 months.
- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Water and Dust Resistance:** The IP65 rating ensures protection against water splashes and dust, but avoid submerging the unit in water.

Image: The jump starter being splashed with water, demonstrating its IP65 water resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jump Starter not turning on	Low battery charge	Recharge the unit fully.
Green light on clamp not solid	Incorrect connection or low car battery voltage	Ensure clamps are connected to correct terminals. If car battery is extremely low, try again after a few minutes.
Red light/alarm on clamp	Reverse polarity, short circuit, or other protection triggered	Disconnect immediately, check connections, and refer to safety features.
Device not charging from USB output	Jump starter battery low or incompatible device	Recharge jump starter. Ensure device is compatible with USB output specifications.

OFFICIAL PRODUCT VIDEOS

DBPOWER G73 Car Jump Starter Overview

Your browser does not support the video tag.

Video: A brief introduction to the DBPOWER G73 Car Jump Starter, highlighting its main features and design.

DBPOWER G73 Car Jump Starter Usage Guide

Your browser does not support the video tag.

Video: Demonstrates the step-by-step process of using the DBPOWER G73 to jump start a car.

G73 Portable Jump Starter Real Using Experience Demo

Your browser does not support the video tag.

Video: A demonstration of the G73 Portable Jump Starter in a real-world scenario, showcasing its effectiveness.

WARRANTY AND SUPPORT

DBPOWER offers a 12-month hassle-free warranty and lifetime technical support for the G73 Jump Starter. For any inquiries or assistance, please refer to the contact information provided in your User Manual or visit the official DBPOWER website.

You can also find additional support and resources on the DBPOWER Amazon Store.