DBPOWER DJS90

DBPOWER 1600A 18000mAh Portable Car Jump Starter (Model DJS90) Instruction Manual

Your reliable companion for vehicle emergencies and portable power needs.

1. PRODUCT OVERVIEW

The DBPOWER DJS90 Portable Car Jump Starter is a versatile device designed to provide emergency jump-starting for vehicles, act as a portable power bank, and offer essential lighting functions. It features a high peak current of 1600A and an 18000mAh battery capacity, capable of starting various 12V vehicles.

Figure 1: DBPOWER DJS90 Portable Car Jump Starter and included accessories.

Key Features:

- **Vehicle Jump Starting:** 1600A peak current for 12V vehicles (up to 7.5L gas / 5.5L diesel engines).
- **Portable Power Bank:** 18000mAh capacity with 2 USB outputs for charging smartphones, tablets, and other devices.
- **Emergency LED Light:** Features stable, strobe, and SOS signal modes.
- **Safety Protections:** Heavy-duty smart clamps with low/high voltage, over-temperature, short-circuit, reverse polarity, and jump starter time-out protection.
- **Durability:** Operates in temperatures from -4°F to 140°F.

2. PACKAGE CONTENTS

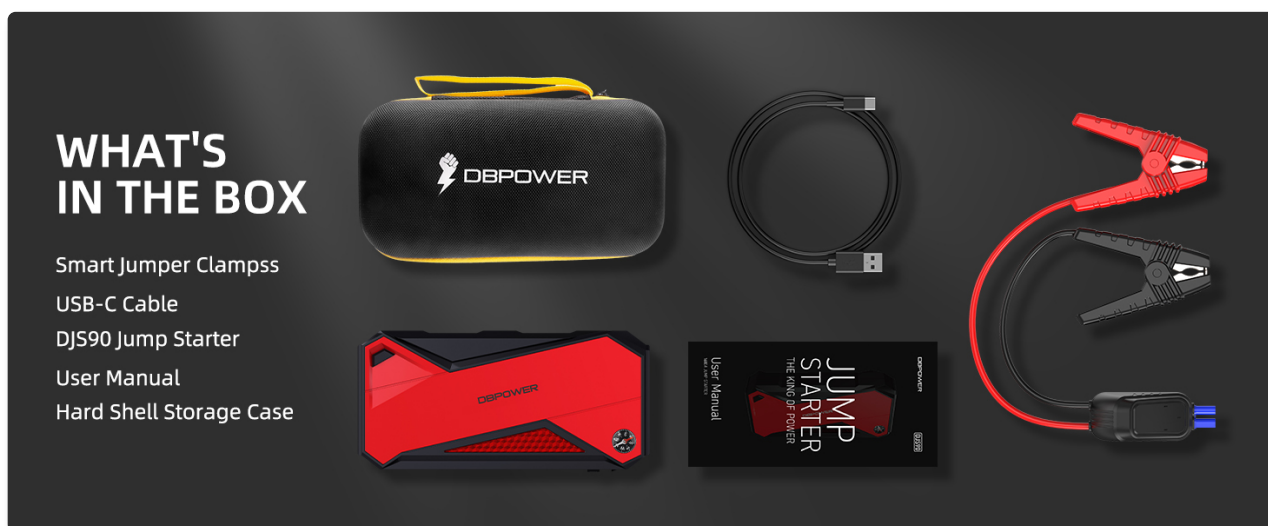Verify that all items are present in your package:

Figure 2: What's in the Box - DBPOWER DJS90 Jump Starter and accessories.

- 1x DBPOWER DJS90 Jump Starter Unit
- 1x Intelligent Jumper Clamps
- 1x USB Line (Charging Cable)
- 1x User Manual
- 1x Hard Shell Storage Case

3. SETUP AND CHARGING

Before initial use, fully charge the jump starter. It is recommended to recharge the device after each use to maintain optimal battery life.

Charging the Jump Starter:

1. Locate the USB input port on the jump starter.
2. Connect the provided USB charging cable to the input port.
3. Plug the other end of the USB cable into a suitable USB power adapter (not included) or a car's USB port.
4. The LED display will indicate the charging progress. Ensure the device is fully charged before storing or using for jump-starting.
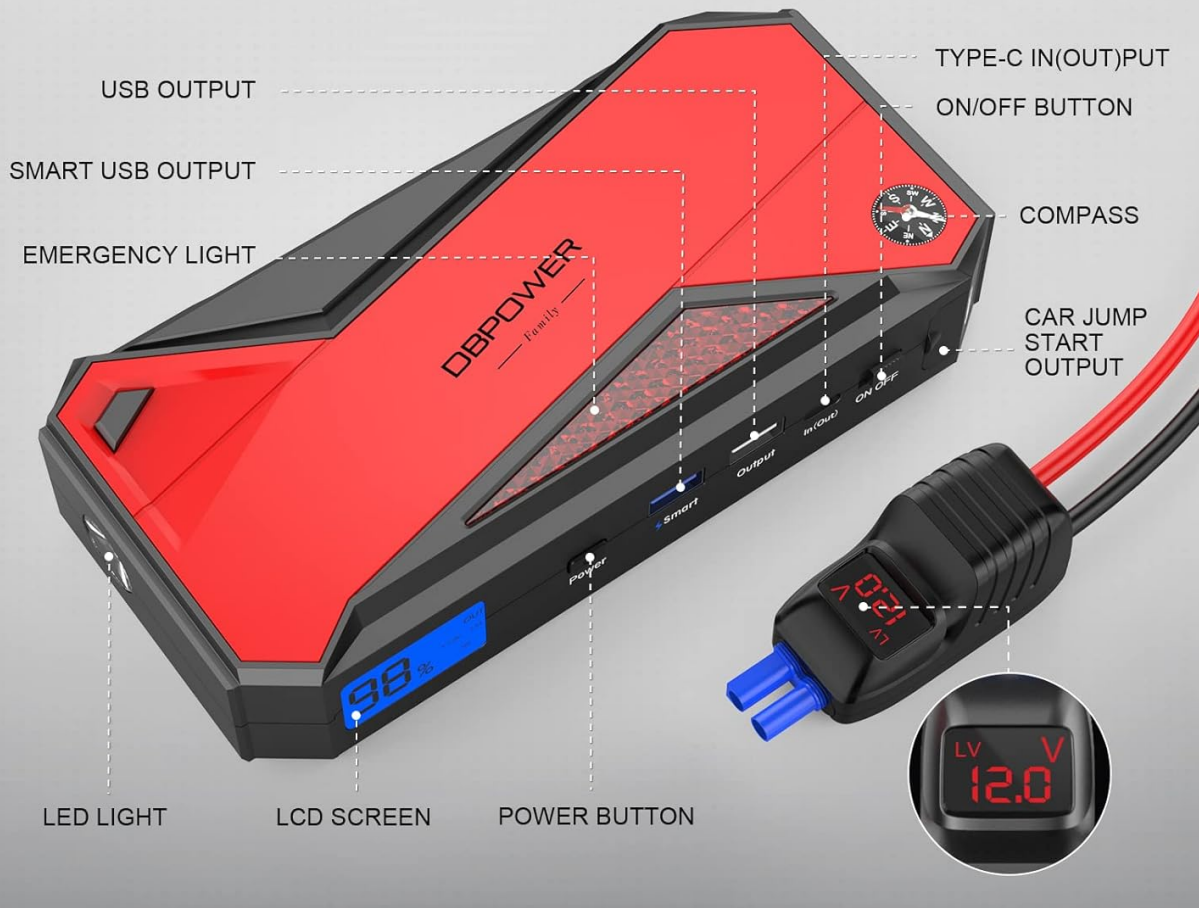
MULTIFUNCTION

| JUMP STARTER | POWER BANK | AIR PUMP POWERED | EMERGENCY LIGHTING |

USB OUTPUT

SMART USB OUTPUT

EMERGENCY LIGHT

TYPE-C IN(OUT)PUT

ON/OFF BUTTON

COMPASS

CAR JUMP START OUTPUT

LED LIGHT   LCD SCREEN   POWER BUTTON

Figure 3: Multifunction ports on the DBPOWER DJS90.

4. OPERATING INSTRUCTIONS: JUMP STARTING A VEHICLE

Always ensure the jump starter is at least 50% charged before attempting to jump-start a vehicle.

Step-by-Step Guide:

1. **Prepare the Vehicle:** Turn off the vehicle's ignition and all accessories. Engage the parking brake.
2. **Connect Jumper Cables to Jump Starter:** Open the protective flap on the jump starter and firmly insert the blue end of the intelligent jumper clamps into the car jump start output port.
3. **Connect Clamps to Battery:** Attach the red (positive, +) clamp to the positive terminal of the vehicle's battery. Attach the black (negative, -) clamp to the negative terminal of the vehicle's battery. Ensure a secure connection.
4. **Check Indicator Light:** The indicator light on the intelligent jumper clamps should turn solid green, indicating a safe and ready connection. If it flashes or shows a different color, refer to the troubleshooting section.

5. **Start Vehicle:** Enter your vehicle and start the engine. If the vehicle does not start immediately, wait 30 seconds before trying again. Do not attempt more than 3 consecutive starts.

6. **Remove Clamps:** Once the vehicle starts, immediately remove the black (negative) clamp from the vehicle battery, followed by the red (positive) clamp. Then, disconnect the jumper clamps from the jump starter.

Figure 4: Instructions to Start Your Vehicle.

Your browser does not support the video tag.

Video 1: Demonstration of using a portable jump starter to start a vehicle. This video illustrates the process of connecting the jump starter to a car battery and successfully starting the engine, highlighting the ease of use and independence from roadside assistance.

5. OPERATING INSTRUCTIONS: POWER BANK & LED LIGHT

Using as a Power Bank:

The DJS90 can charge various electronic devices via its USB output ports.

1. Connect your device's USB charging cable to one of the jump starter's USB output ports.
2. The jump starter will automatically begin charging your device.
3. The 18000mAh capacity can provide multiple charges for smartphones, tablets, and other small electronics.
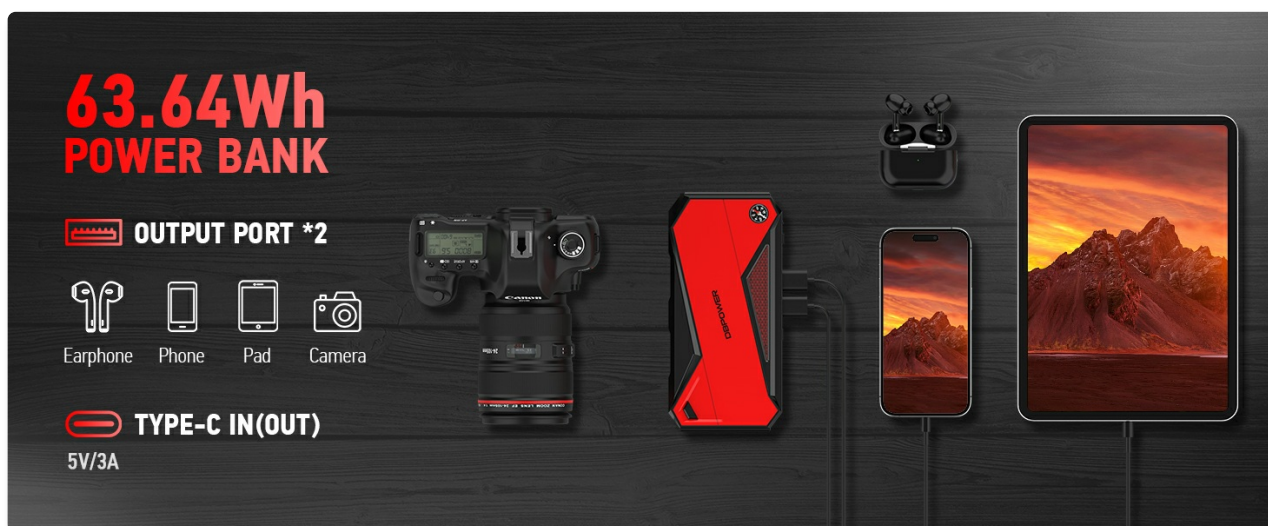
Figure 5: Power Bank Capabilities.

Using the LED Light:

The built-in LED light offers multiple modes for different situations.

1. Locate the power button for the LED light (often integrated with the main power button or a dedicated light button).
2. Press and hold the button to turn on the stable light mode.
3. Press the button again to cycle through strobe mode, SOS signal mode, and then off.

Figure 6: Four Lighting Modes.

6. SAFETY FEATURES

The DBPOWER DJS90 is equipped with intelligent jumper clamps that provide multiple safety protections:

SPARK-PROOF SUPERSAFE SMART CLAMPS

| OVER CHARGE | SHORT CIRCUIT | OVER DISCHARGE | REVERSE POLARITY | OVER CURRENT | REVERSE CONNECTION | OVER HEAT | REVERSE CHARGE |

Figure 7: Smart Clamps Safety Protections.

- **Low/High Voltage Protection:** Prevents damage from incorrect voltage levels.
- **Over-Temperature Protection:** Shuts down if the device gets too hot.
- **Short-Circuit Protection:** Prevents damage from accidental short circuits.
- **Reverse Polarity Protection:** Alerts and prevents operation if clamps are connected incorrectly.
- **Jump Starter Time-Out Protection:** Automatically shuts off after a period of inactivity to conserve power.

7. MAINTENANCE

- **Recharge Regularly:** For optimal performance and longevity, fully recharge the jump starter after each use and at least every three months if stored.
- **Storage:** Store the device in its hard shell case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the unit and clamps with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.

8. TROUBLESHOOTING

- **Vehicle Not Starting:** Ensure clamps are securely connected to the correct battery terminals. Check the jump starter's battery level. If the intelligent clamps' indicator light is not solid green, refer to the manual for specific error codes or try reconnecting.
- **Jump Starter Not Charging:** Verify the charging cable and adapter are working correctly. Ensure the charging port on the jump starter is clean and free of debris.
- **LED Light Not Working:** Check if the jump starter is powered on. Press and hold the light button to activate.

9. SPECIFICATIONS

Feature	Specification
Model Number	DJS90
Peak Output Current	1600 Amps
Battery Capacity	18000mAh
Engine Compatibility	Up to 7.5L Gas / 5.5L Diesel (12V)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
USB Output	2 USB outputs (details may vary, refer to unit)
Item Weight	2.83 pounds
Package Dimensions	9.84 x 5.24 x 4.49 inches

10. WARRANTY AND SUPPORT

DBPOWER is committed to ensuring customer satisfaction. If you have any questions or require assistance with your product, please do not hesitate to contact our customer support team. We aim to respond to all inquiries within 24 hours.

For support, please visit the official DBPOWER website or refer to the contact information provided in your product packaging.

Related Documents - DJS90

	[DBPOWER DJS90 1600A Jump Starter User Manual](#) User manual for the DBPOWER DJS90 1600A Jump Starter, providing instructions on jump starting vehicles, charging devices, using the LED light, and important safety precautions.
	[DBPOWER Portable Car Jump Starter DJS50 User Manual](#) User manual for the DBPOWER DJS50 portable car jump starter. Includes specifications, safety precautions, and step-by-step instructions for jump-starting vehicles, charging mobile devices and laptops, using the LED flashlight, and recharging the unit. Features 18000mAh capacity and 600A peak output.
	[DBPOWER DJS50 Portable Car Jump Starter User Manual](#) User manual for the DBPOWER DJS50 Portable Car Jump Starter, featuring 18000mAh capacity, 800A peak current, and compatibility with petrol engines below 7.2L and diesel engines below 5.5L. Includes specifications, safety instructions, and usage guides.
	[DBPOWER G73 2000A Jump Starter User Manual - Car Battery Booster Guide](#) Comprehensive user manual for the DBPOWER G73 2000A jump starter. Learn how to jump-start your car, charge devices, use the LED light, and understand specifications and safety precautions. Suitable for 8.0L Gas and 6.5L Diesel engines.
	[DBPOWER G57 Jump Starter User Manual: Powerful Car Battery Booster](#) Comprehensive user manual for the DBPOWER G57 jump starter. Learn how to safely jump-start your car, charge devices, and use the LED flashlight. Includes specifications, safety precautions, and troubleshooting.