

## LOKITHOR JC400

# LOKITHOR JC400 9-in-1 Jump Starter and Battery Charger User Manual

Model: JC400

Brand: LOKITHOR

## 1. INTRODUCTION

Thank you for choosing the LOKITHOR JC400 9-in-1 Jump Starter and Battery Charger. This versatile device is engineered to provide reliable power solutions for your automotive needs, combining jump starting, battery charging, and portable power bank functionalities. To ensure safe and optimal performance, please read this manual thoroughly before operation and retain it for future reference.

Your browser does not support the video tag.

**Video:** Overview of the LOKITHOR JC400's multifunctional capabilities.



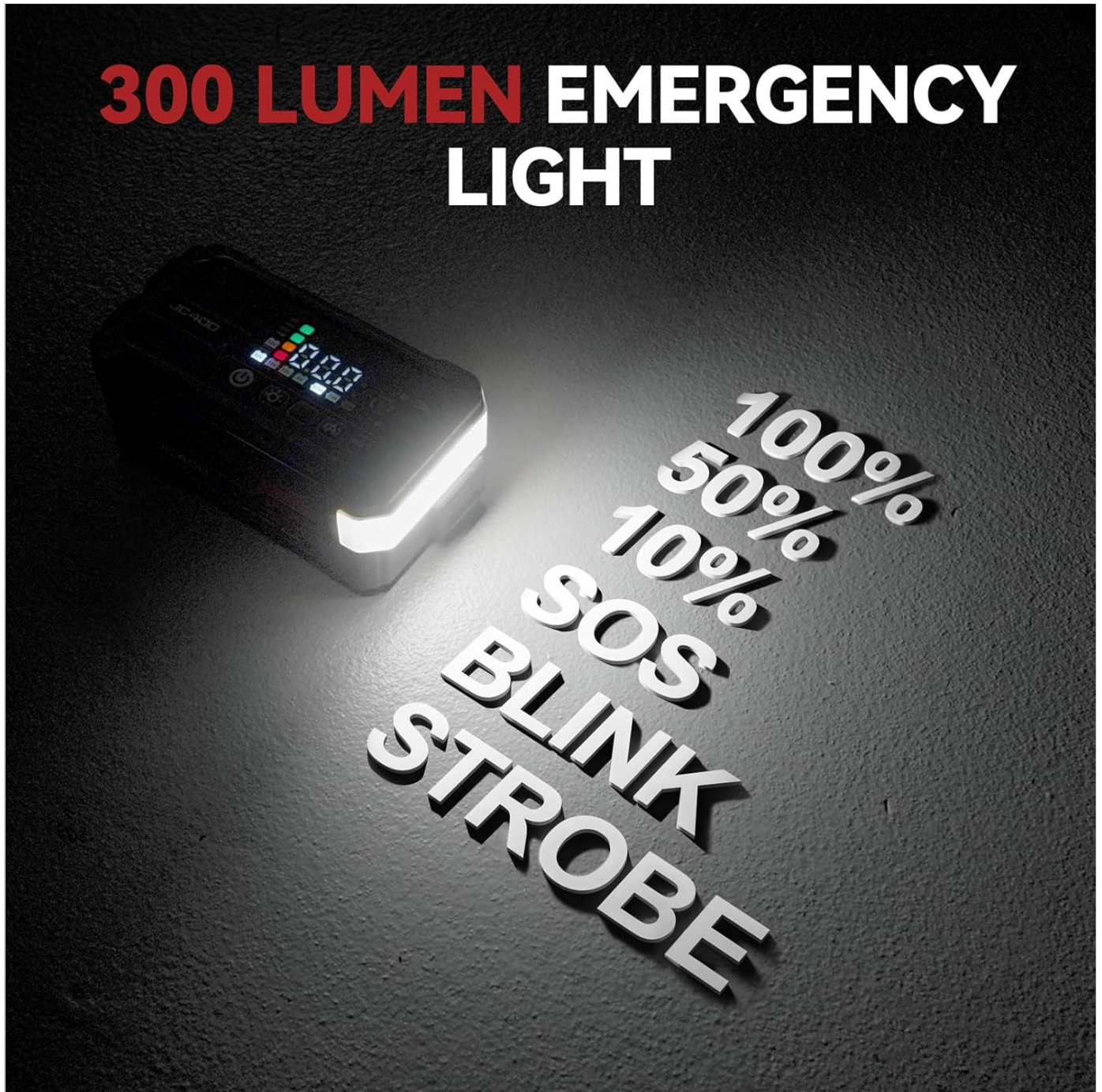
Image: The LOKITHOR JC400 unit and its protective storage case.

## 2. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions to prevent electric shock, explosion, fire, and property damage. Failure to follow these instructions may result in serious injury or death.

- Read all instructions before using the product.
- Do not operate the unit if it has been damaged.
- Keep out of reach of children.
- Wear eye protection and gloves when working with batteries.
- Ensure proper ventilation during charging and jump starting.

- The LOKITHOR JC400 features **ConnectMax Technology** with 10 advanced protections: Spark-Proof, Reverse-Charge, Over-Charge, Over-Current, Short-Circuit, Reverse-Polarity, Low-Temp, High-Temp, Over-Voltage, and Over-Load Protection. While these features enhance safety, always exercise caution.



**Image:** The LOKITHOR JC400 highlighting its ConnectMax Technology for enhanced safety during operation.

### 3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package:

- LOKITHOR JC400 Jump Starter and Battery Charger Unit (x1)
- Jumper Cables (x1)
- AC Power Cord (x1)
- USB-A to USB-C Cable (x1)
- User Manual (x1)
- Storage Bag (x1)



Your browser does not support the video tag.

Video: Unboxing the LOKITHOR JC400 and its included accessories.

# EXCLUSIVE CONNECTMAX TECHNOLOGY



## RELIABLE JUMP START EVERY TIME!

Image: All components included in the LOKITHOR JC400 package, neatly arranged within the storage case.

## 4. PRODUCT OVERVIEW

The LOKITHOR JC400 is a compact and robust device designed for various automotive and portable power needs. It features an intuitive display and multiple ports for diverse functionalities.

### 4.1. Device Layout



**Image:** The LOKITHOR JC400 demonstrating its ultra-compact design, making it easy to carry.

The unit is designed for portability and durability, featuring a robust casing and a clear digital display. Key elements include:

- **Digital Display:** Shows battery status, voltage, current, and selected modes.
- **Control Buttons:** Power, Light, Mode selection.
- **Jump Start Port:** For connecting jumper cables.
- **USB-A Output:** For charging external devices.
- **USB-C Input/Output:** For charging the unit or external devices.
- **AC Input:** For charging the unit via AC power cord.
- **LED Light:** Multi-mode emergency light.
- **Compass:** Integrated for navigation assistance.

## 5. SETUP AND INITIAL CHARGING

Before first use, fully charge the LOKITHOR JC400. This ensures optimal performance and extends battery life.

1. Connect the AC Power Cord to the AC input port on the JC400.
2. Plug the other end of the AC Power Cord into a standard wall outlet.
3. The digital display will indicate charging status. Charge until the battery indicator shows full.

Alternatively, you can charge the unit using the USB-C port with a compatible USB-C charger.

## 6. OPERATING INSTRUCTIONS

---

### 6.1. Jump Starting a Vehicle

The LOKITHOR JC400 can jump start 12V vehicles with up to 8.5L gas or 6.5L diesel engines.

1. Ensure the JC400 is sufficiently charged.
2. Connect the jumper cables to the jump start port on the JC400.
3. Attach the **red** clamp to the vehicle's positive (+) battery terminal.
4. Attach the **black** clamp to the vehicle's negative (-) battery terminal or a solid, unpainted metal part of the engine block.
5. Once connected, the JC400 will automatically detect the battery voltage. If the battery is extremely low (below 1V), activate **Force Charging Mode** by long-pressing the 'Mode' button for 5 seconds.
6. Start the vehicle.
7. Once the vehicle starts, immediately disconnect the black clamp, then the red clamp, and finally disconnect the jumper cables from the JC400.



# EASILY START FLAT BATTERIES



Image: The LOKITHOR JC400 connected to a vehicle battery, ready to jump start.

# FORCE CHARGING MODE

Charge Dead Battery **Below 1 Volt**



**Image:** Activating the Force Charging Mode on the LOKITHOR JC400 for deeply discharged batteries.

## 6.2. Battery Charging and Maintaining

The JC400 functions as a smart battery charger, maintainer, and desulfator for 6V/12V regular, 12V AGM, and 12V lithium batteries.

1. Connect the jumper cables to the JC400 and then to the battery terminals (red to +, black to -).
2. Connect the JC400 to an AC power source using the AC Power Cord.
3. Use the 'Mode' button to select the appropriate battery type (12V, 12V AGM, 12V Lithium, 6V) and charging current (0.75A, 1A, 2A). The display will show the selected settings.
4. The unit will automatically begin charging and maintaining the battery.



# SMART BATTERY CHARGER & MAINTAINER



**Image:** The LOKITHOR JC400 actively charging and maintaining a car battery, displaying its smart features.

## 6.3. Portable Power Bank Function

Use the JC400 to charge your mobile devices.

- Connect your device to the USB-A output (5V=3A) or USB-C input/output (5V=3A) port using a compatible USB cable.
- The JC400 will automatically begin charging your device.

## 6.4. LED Light Operation

The integrated 300 Lumen LED light offers multiple modes for various situations.

- Press the 'Light' button to cycle through the modes: 100% brightness, 50% brightness, 10% brightness, SOS, Blink, Strobe.
- Press and hold the 'Light' button to turn off the light.



**Image:** The LOKITHOR JC400's powerful 300 Lumen LED light, illustrating its different brightness and emergency modes.

## 6.5. Compass Function

The built-in compass provides basic directional guidance. Ensure the unit is held level for accurate readings.

## 7. MAINTENANCE

---

- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the JC400 in its storage bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging:** For optimal battery health, recharge the unit every 3-6 months, even if not in use.
- The unit is designed to be dustproof and waterproof, but avoid submerging it in water.





Image: The LOKITHOR JC400's durable storage case, highlighting its water-resistant properties.

## 8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is depleted.	Charge the unit fully using the AC power cord or USB-C.
Vehicle does not jump start.	Incorrect clamp connection; Battery too deeply discharged; Vehicle engine too large.	Ensure clamps are correctly connected (+ to +, - to -). Activate Force Charging Mode if battery is below 1V. Verify vehicle engine size is within JC400's capacity (8.5L Gas/6.5L Diesel).



Problem	Possible Cause	Solution
Error message on display.	Safety protection activated (e.g., reverse polarity, short circuit).	Refer to the specific error code in the full manual (if available) or disconnect and re-connect carefully, ensuring correct polarity.

## 9. SPECIFICATIONS

- **Peak Current:** 2500A
- **Jump Start Capacity:** Up to 8.5L Gas / 6.5L Diesel 12V vehicles
- **Battery Charger Output:** 0.75A / 1A / 2A
- **Battery Compatibility:** 6V/12V Regular, 12V AGM, 12V Lithium
- **USB-A Output:** 5V=3A
- **USB-C Input/Output:** 5V=3A
- **LED Light:** 300 Lumen, 6 modes
- **Operating Temperature:** -4°F to 140°F (-20°C to 60°C)
- **Safety Protections:** Spark-Proof, Reverse-Charge, Over-Charge, Over-Current, Short-Circuit, Reverse-Polarity, Low-Temp, High-Temp, Over-Voltage, Over-Load Protection.

## 10. WARRANTY AND SUPPORT

LOKITHOR stands behind the quality of its products.

- **Warranty:** 1-Year Replacement Promise.
- **Customer Support:** 24h Service Support is available for any inquiries or assistance. Please refer to the contact information provided on the LOKITHOR official website or your product packaging for support details.

