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› LOFTEK Y29 Car Jump Starter Instruction Manual

## LOFTEK Y29

# LOFTEK Y29 Car Jump Starter Instruction Manual

Model: Y29

## INTRODUCTION

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Thank you for choosing the LOFTEK Y29 Car Jump Starter. This portable lithium jump box is designed to provide a reliable solution for starting vehicles with dead batteries, offering 1000A peak current and a 10400mAh capacity. It is suitable for a wide range of vehicles, including cars, SUVs, trucks, motorcycles, and boats with up to 7.0L gas or 5.5L diesel engines. Additionally, it functions as a power bank for charging electronic devices and features an integrated LED flashlight. Please read this manual thoroughly before use to ensure safe and optimal operation.

# EMERGENCY JUMP STARTER



Diesel



Gas



Motorcycle



Lawn Mower



Yacht

Image: The LOFTEK Y29 Car Jump Starter unit, featuring a black and yellow design, shown with its accompanying smart jumper clamps.

## SAFETY INFORMATION

- Always read and understand the vehicle's owner's manual and the jump starter's instructions before attempting to jump start a vehicle.
- Do not attempt to jump start a frozen battery.
- Ensure the jump starter is fully charged before first use and maintain a charge level above 40% for optimal performance.
- Connect the clamps correctly: Red to positive (+), Black to negative (-). Reverse polarity can cause damage to the jump starter, vehicle, or personal injury.
- Do not touch the red and black clamps together once connected to the jump starter.
- Keep the jump starter away from children.
- Operate in a well-ventilated area.
- If the jump starter becomes excessively hot during use, disconnect it immediately and allow it to cool down.

- This device is equipped with multiple safety protections including short-circuit, over-current, reverse polarity, and over-voltage protection.

## PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 x LOFTEK Y29 Jump Starter
- 2 x Smart Jumper Clamps
- 1 x USB Cable
- 1 x User Guide (this manual)
- 1 x Protection Case

## PRODUCT FEATURES

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- **High Peak Current:** 1000A peak current for reliable jump starting.
- **Large Battery Capacity:** 10400mAh lithium-ion battery.
- **Wide Vehicle Compatibility:** Capable of starting vehicles with up to 7.0L gas and 5.5L diesel engines.
- **Advanced Technology:** Utilizes QDSP 3.0 for effective starting in temperatures as low as -4°F (-20°C).
- **Durable Design:** Rubberized over-molded casing for enhanced protection and grip.
- **Multi-functional:** Serves as a jump starter, a 5V/2.1A USB power bank, and an LED flashlight with multiple modes.
- **Comprehensive Safety:** Built-in short-circuit, over-current, reverse polarity, and over-voltage protection.
- **Certifications:** CE/FCC/RoHS/UL Certified for safety and quality.

# PORTABLE & POWERFUL

## BATTERY JUMP STARTER



Image: The LOFTEK Y29 Jump Starter highlighting its key specifications: 12V, 7.0L Gas, 5.5L Diesel, 1000 Amp, and 10400 mAh.

# ALL ROUND PROTECTION



short-circuited  
protection



over-current  
protection



overload  
protection



over-voltage  
protection



Image: A close-up view of the smart jumper clamps, illustrating the various built-in protection features.

## SETUP

### Initial Charging

Before using your LOFTEK Y29 Jump Starter for the first time, it is crucial to fully charge the unit. Use the provided USB cable to connect the jump starter to a USB wall adapter (not included) or a powered USB port. The LED indicator lights on the unit will illuminate to show the charging progress. All four lights will be solid when fully charged.

# EXTERNAL BUTTONS AND CONNECTORS



Image: A detailed diagram of the LOFTEK Y29 Jump Starter's external features, including the jump start port, USB output, USB Type-C charging input, function button, LED indicators, and LED flashlight.

## Understanding LED Indicators

The jump starter features LED indicator lights that display the battery charge level. Each light typically represents approximately 25% of the battery capacity. Ensure at least two lights (50% charge) are illuminated for reliable jump starting.

## OPERATING INSTRUCTIONS

### Jump Starting a Vehicle

1. Ensure the jump starter has sufficient charge (at least 50%).
2. Turn off your vehicle's ignition and all accessories.
3. Connect the smart jumper clamps to the jump starter's jump start port. Ensure a secure connection.
4. Connect the **RED (+)** clamp to the positive terminal of your vehicle's battery.

5. Connect the **BLACK (-)** clamp to the negative terminal of your vehicle's battery.
6. Once connected, the indicator light on the smart clamp unit should turn **solid green**, indicating a safe connection. If it flashes or shows red, check connections and troubleshoot.
7. Start your vehicle's engine. If it doesn't start immediately, wait 30 seconds before trying again. Do not crank for more than 3 seconds per attempt.
8. Once the vehicle starts, immediately remove the black clamp, then the red clamp, and finally disconnect the smart clamps from the jump starter.



Image: A visual guide demonstrating the four steps for jump starting a vehicle with the LOFTEK Y29 Jump Starter.

Your browser does not support the video tag.

Video: Official LOFTEK Y29 Jump Starter instructional video demonstrating the jump start process.

## Charging Electronic Devices (Power Bank Function)

The LOFTEK Y29 can charge your electronic devices via its 5V/2.1A USB output port.

1. Connect your device's USB charging cable to the jump starter's USB output port.
2. The jump starter will automatically begin charging your device.
3. Monitor your device's charging status.



Image: The LOFTEK Y29 Jump Starter actively charging a smartphone and a tablet simultaneously using its USB output port.

## Using the LED Flashlight

The integrated LED flashlight has three modes: Strong, Strobe, and SOS.

1. Press and hold the power button for approximately 3 seconds to turn on the flashlight (Strong mode).
2. Press the power button once more to switch to Strobe mode.
3. Press the power button a third time to activate SOS mode.
4. Press and hold the power button again for 3 seconds to turn off the flashlight.

Image: The LOFTEK Y29 Jump Starter's LED flashlight in use, demonstrating its strong, strobe, and SOS lighting modes in an outdoor setting.

## CHARGING THE JUMP STARTER

To recharge the LOFTEK Y29 Jump Starter:

1. Connect the provided USB cable to the jump starter's USB Type-C input port.
2. Plug the other end of the USB cable into a 5V/2A USB wall adapter or a powered USB port.
3. The LED indicators will flash during charging and become solid when fully charged.
4. It is recommended to fully charge the unit every 3-6 months, even when not in use, to maintain battery health.

## MAINTENANCE

- Store the jump starter in its protective case in a cool, dry place when not in use.
- Avoid exposing the unit to extreme temperatures, direct sunlight, or moisture.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Regularly check the clamps and cables for any signs of damage or wear. Replace if necessary.
- Charge the unit periodically (every 3-6 months) to prevent deep discharge and prolong battery life.

## TROUBLESHOOTING

| Problem                                         | Possible Cause                                                                                                                                                  | Solution                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Jump starter does not turn on.                  | Battery is completely discharged.                                                                                                                               | Charge the jump starter fully.                                                                                                       |
| Vehicle does not start after jump starting.     | Jump starter battery too low.<br>Incorrect clamp connection.<br>Vehicle battery is severely damaged.<br>Other vehicle issues (e.g., alternator, starter motor). | Ensure jump starter is at least 50% charged.<br>Recheck positive and negative clamp connections.<br>Consult a professional mechanic. |
| Smart clamp indicator light is red or flashing. | Reverse polarity connection.<br>Short circuit.<br>Over-voltage/under-voltage.                                                                                   | Disconnect immediately and re-connect clamps correctly.<br>Ensure clamps do not touch each other.<br>Check vehicle battery voltage.  |
| Jump starter gets hot during use.               | Normal operation under heavy load.<br>Prolonged cranking.                                                                                                       | Allow unit to cool down. Avoid excessive cranking. If overheating persists, discontinue use and contact support.                     |
| USB charging not working.                       | Jump starter battery too low.<br>Incorrect cable/device.                                                                                                        | Charge the jump starter.<br>Ensure USB cable and device are compatible and functioning.                                              |

## SPECIFICATIONS

| Feature                  | Specification |
|--------------------------|---------------|
| Brand                    | LOFTEK        |
| Model Number             | Y29           |
| Battery Cell Composition | Lithium       |
| Voltage                  | 12 volts      |

| Feature               | Specification                     |
|-----------------------|-----------------------------------|
| Vehicle Service Type  | Car, SUV, Truck, Motorcycle, Boat |
| Battery Capacity      | 10400 mAh                         |
| Amperage              | 1000 A                            |
| Peak Output Current   | 1000 A                            |
| Item Weight           | 1.7 pounds                        |
| Engine Compatibility  | Up to 7.0L Gas / 5.5L Diesel      |
| USB Output            | 5V/2.1A                           |
| Charging Input        | USB Type-C 5V/2A                  |
| Operating Temperature | -4°F to 113°F (-20°C to 45°C)     |
| Certifications        | CE, FCC, RoHS, UL                 |

## WARRANTY AND SUPPORT

LOFTEK provides customer support for its products. For any issues, questions, or concerns regarding your LOFTEK Y29 Car Jump Starter, please contact the LOFTEK Customer Support Team. We aim to reply within 24 hours to assist you. Please refer to the contact information provided with your purchase or visit the official LOFTEK website for the most up-to-date support details.

### 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