S ZEVZO H021

S ZEVZO H021 Car Jump Starter User Manual

Model: H021 | Brand: S ZEVZO

1. Introduction

Thank you for choosing the S ZEVZO H021 Car Jump Starter. This portable and powerful device is designed to provide reliable jump-starting for a wide range of 12V vehicles, including those with large gas and diesel engines. Beyond its primary function, it also serves as a versatile power bank and a multi-mode LED flashlight, making it an essential tool for roadside emergencies, outdoor activities, and everyday use.
Please read this manual thoroughly before using the product to ensure safe and optimal operation. Keep this manual for future reference.

2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the device and vehicle:

- Do not attempt to jump-start a frozen battery.
- Ensure proper polarity connection (red clamp to positive, black clamp to negative) to avoid sparks or damage.
- Do not connect the black clamp to the negative terminal of the battery if the vehicle has a remote negative post. Connect it to a metal part of the engine block or chassis away from the battery.
- Avoid short-circuiting the clamps.
- Keep the device away from children.
- Do not expose the device to extreme temperatures (below -4°F or above 140°F) or direct sunlight for prolonged periods.
- Do not disassemble or modify the device.
- Use only the provided smart jump clamps and charging cable.
- If the smart clamps indicate an error (beep sound and indicator light signs), disconnect immediately and check connections.



Figure 2.1: The S ZEVZO H021 features 10 comprehensive safety protections, including spark-proof, zero damage, low voltage, high temp, short-circuit, reverse polarity, reverse connection, over current, over voltage, and over-load protection.

3. What's in the Box

The S ZEVZO H021 Car Jump Starter package includes the following items:

- 1 x S ZEVZO H021 Jump Starter
- 1 x Smart Jump Clamps
- 1 x USB Type-C Charging Cable
- 1 x Storage Case
- 1 x User Manual



Figure 3.1: All components included in the S ZEVZO H021 Jump Starter kit, neatly packed in its protective carrying case.

4. Product Overview

Familiarize yourself with the main components of your S ZEVZO H021 Jump Starter:

- **Main Unit:** The portable jump starter with LCD display and power button.
- **12V Jumping Port:** Located on the side, for connecting the smart jump clamps.
- **USB Output Ports (USB1 & USB2):** For charging phones, tablets, and other USB devices.
- **Type-C Input Charging Port:** For recharging the jump starter itself.
- **LED Light:** Integrated flashlight with multiple modes.
- **Smart Jump Clamps:** Intelligent clamps with safety features and indicator lights.



Figure 4.1: Key features and ports of the S ZEVZO H021 Jump Starter, including the 12V jumping port, USB outputs, Type-C input, LED light, and power button.

5. Setup

5.1 Initial Charging

Before first use, fully charge the S ZEVZO H021 Jump Starter.

1. Connect the USB Type-C Charging Cable to the Type-C Input port on the jump starter.
2. Connect the other end of the USB cable to a USB wall adapter (not included) or a car's USB output port.
3. The LCD display will show the charging progress. Charge until the display shows 100%.



Figure 5.1: The jump starter can be easily recharged via its Type-C port, offering convenience for charging on the road or at home.

6. Operating Instructions

6.1 Jump Starting a Vehicle

Follow these steps to safely jump-start your vehicle:

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off and all accessories (lights, radio, A/C) are turned off.
2. **Connect Smart Clamps to Jump Starter:** Insert the blue plug of the smart jump clamps into the 12V Jumping Port on the S ZEVZO H021.
3. **Connect Clamps to Battery:**
    - Attach the **RED** (+) clamp to the positive (+) terminal of the vehicle's battery.
    - Attach the **BLACK** (-) clamp to the negative (-) terminal of the vehicle's battery. If the vehicle has a remote negative post, connect to a solid, unpainted metal part of the engine block or chassis away from the battery.

    The smart clamps will indicate a green light if the connection is correct and ready for jump-starting. A red light or beeping indicates an incorrect connection or issue.
4. **Start the Vehicle:** Once the smart clamps show a solid green light, go into your vehicle and start the engine.
5. **Disconnect Clamps:** After the vehicle starts, immediately disconnect the black (-) clamp first, then the red (+) clamp from the vehicle battery. Finally, disconnect the smart clamps from the jump starter.



Figure 6.1: The S ZEVZO H021 Jump Starter kit, ready for use with its smart clamps and protective case.



Figure 6.2: The H021 is capable of jump-starting a wide range of vehicles, including motorbikes, cars, SUVs, and trucks, with up to 10.0L gas and 8.0L diesel engines.

6.2 Using as a Power Bank

The S ZEVZO H021 can charge your electronic devices:

1. Connect your device's USB charging cable to one of the USB output ports (USB1 or USB2) on the jump starter.
2. The jump starter will automatically begin charging your device.



Figure 6.3: The 74Wh portable power bank functionality allows simultaneous charging of phones, tablets, and other USB-powered devices.

6.3 Using the LED Flashlight

The integrated LED flashlight has three modes:

1. **Turn On:** Press and hold the power button for 3 seconds to turn on the flashlight (stable mode).
2. **Change Modes:** Short press the power button to cycle through modes: Stable > Strobe > SOS.
3. **Turn Off:** Press and hold the power button for 3 seconds again to turn off the flashlight.

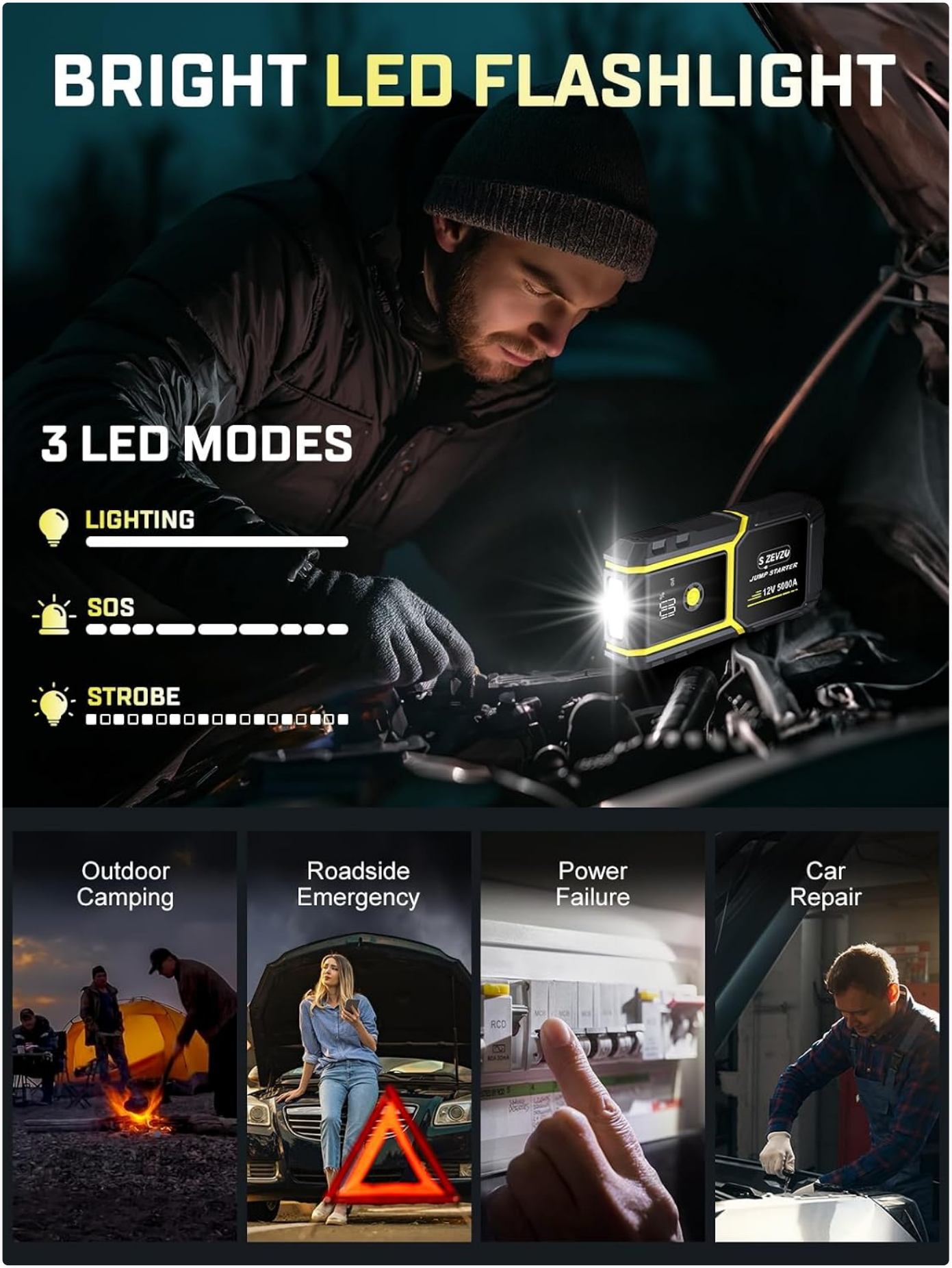

Figure 6.4: The 500-lumen LED flashlight provides illumination for various situations, including outdoor camping, roadside emergencies, power failures, and car repairs.

7. Maintenance

- **Recharge Regularly:** To maintain battery health, recharge the jump starter every 3-6 months, even if not in use. The device has a 24-month long standby time.
- **Storage:** Store the device in its protective carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Battery Life:** The internal battery is designed for 1000+ charge cycles.

8. Troubleshooting

Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is completely drained.	Charge the jump starter fully.
Smart clamps show red light/beep.	Incorrect connection (reverse polarity, short circuit) or battery issue.	Check clamp connections to battery terminals. Ensure correct polarity. Disconnect and reconnect. If issue persists, vehicle battery may be severely damaged.
Vehicle does not start after jump-starting.	Vehicle battery is too low, or other vehicle issues.	Ensure jump starter is fully charged. Wait 1-2 minutes after connecting before attempting to start. If still no start, consult a mechanic.
Device not charging.	Faulty cable or adapter.	Try a different USB Type-C cable and/or wall adapter. Ensure connections are secure.

9. Specifications

- **Model:** H021
- **Peak Current:** 5000A
- **Engine Compatibility:** Up to 10.0L Gas, 8.0L Diesel
- **Battery Capacity:** 74Wh
- **USB Output:** 2 ports (5V/3A, 5V/2.1A)
- **Type-C Input:** 5V/3A, 9V/2A, 12V/1.5A
- **LED Flashlight:** 500 Lumens with 3 modes (Stable, Strobe, SOS)
- **Working Temperature:** -4°F to 140°F (-20°C to 60°C)
- **Dimensions:** 1.5"D x 4.7"W x 11.1"H
- **Weight:** 1.79 Pounds
- **Safety Protections:** 10 intelligent protections (Short-circuit, Reverse connection, High-temp, Low-voltage, etc.)

10. Warranty & Support

The S ZEVZO H021 Jump Starter is covered by a**12-month service warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.
For any questions, concerns, or technical support, please contact S ZEVZO customer service via email. Please refer to the contact information provided in your product packaging or on the official S ZEVZO website.
Note: Damage caused by misuse, unauthorized modification, or failure to follow instructions is not covered under warranty.

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