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YUSMAN Y02

YUSMAN 5000A Car Jump Starter User Manual

Model: Y02

INTRODUCTION

Thank you for choosing the YUSMAN 5000A Car Jump Starter. This portable and powerful device is designed to jump start your vehicle's battery, serve as a power bank for your electronic devices, and provide emergency lighting. Please read this manual thoroughly before use to ensure safe and optimal performance.

WHAT'S IN THE BOX

WHAT'S IN THE BOX



Image: The YUSMAN Jump Starter package contents, including the jump starter unit, heavy-duty battery clamps, USB Type-C charging cable, and user manual.

- Portable Lithium Car Battery Jump Starter Pack
- Heavy-Duty Battery Clamps (Smart Jumper Cables)
- USB Type-C Charging Cable
- Storage Case
- User Manual (This document)

SPECIFICATIONS

Feature	Detail
Model	Y02
Peak Output Current	5000 Amps
Battery Type	Lithium Ion (1 included)
Engine Compatibility	All Gasoline Engines, up to 10.0L Diesel Engines
USB Output 1	5V/3A (Quick Charge 3.0)
USB Output 2	5V/2.4A
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Item Weight	2.18 pounds
Package Dimensions	10 x 5.47 x 4.09 inches

SAFETY INFORMATION AND PRECAUTIONS

Always observe the following safety guidelines when using the YUSMAN Jump Starter:

- Read all instructions before using the product.
- Do not operate the unit if it is damaged.
- Ensure proper polarity connection (red clamp to positive, black clamp to negative) to avoid sparks and damage. The intelligent clamps provide reverse polarity protection.
- Do not submerge the unit in water.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the unit.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- The unit is designed for 12-volt automotive batteries only.

SHORT CIRCUIT PROTECTION



Image: Visual representation of the 8 safety protections, including voltage regulation, overcharge, over-discharge, overload, overcurrent, temperature, reverse polarity, and short circuit protection.

UPGRADED LARGE CLAMP FOR GREATER STABILITY



The image compares two types of jump starter clamps. On the left, labeled 'OUR', is a YUSMAN jump starter with large, upgraded clamps (one red, one black) and a black control unit featuring an LED display showing '10.5V'. On the right, labeled 'Other', are generic, smaller clamps. A central 'VS' logo separates the two. Below each side are three feature callouts: 'Spark-Proof', 'Reverse Polarity Protection', and 'LED Intelligent Display'. The 'OUR' side has checkmarks for all three, while the 'Other' side has 'X' marks for all three.

OUR

- ✓ Spark-Proof
- ✓ Reverse Polarity Protection
- ✓ LED Intelligent Display

VS

Other

- ✗ Spark-Proof
- ✗ Reverse Polarity Protection
- ✗ LED Intelligent Display

Image: Comparison showing the YUSMAN jump starter's upgraded large clamps with built-in spark-proof technology, reverse polarity protection, and an LED intelligent display, contrasted with generic clamps lacking these features.

CHARGING THE JUMP STARTER

Before first use, fully charge the YUSMAN Jump Starter. It is recommended to recharge the unit every 3-6 months to maintain battery health, even if not used.

1. Locate the USB Type-C input port on the jump starter.
2. Connect the provided USB Type-C charging cable to the jump starter.
3. Connect the other end of the cable to a USB wall adapter (not included) or a powered USB port.
4. The LED indicator lights on the unit will show the charging progress. All lights will be solid when fully charged.



Image: A close-up view of the YUSMAN jump starter's side, showing the USB-C input port for charging the unit itself.

OPERATING INSTRUCTIONS: JUMP STARTING A VEHICLE

The YUSMAN Jump Starter can provide up to 60 jump starts on a single charge and is suitable for all gasoline engines and diesel engines up to 10.0 liters.

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off and all accessories (lights, radio, etc.) are turned off.
2. **Connect Clamps to Jump Starter:** Insert the blue plug of the heavy-duty battery clamps into the jump starter's port. Ensure it is fully seated.
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.

The intelligent clamps will indicate a correct connection. If an error is detected (e.g., reverse polarity), an alarm will sound, and the indicator light will change.

4. **Start the Vehicle:** Once the clamps are correctly connected and the indicator is green, start your vehicle's engine.
5. **Remove Clamps:** After the vehicle starts, immediately remove the clamps from the vehicle battery, then disconnect the clamps from the jump starter.

NO WAITING, INSTANT STARTUP



5000A
PEAK

12
VOLT

60
STARTS

ALL
GAS

10.0L
DIESEL

Image: The YUSMAN jump starter connected to a car battery, demonstrating its ability to provide an instant startup for various engine types, including gasoline and up to 10.0L diesel engines.

Your browser does not support the video tag.

Video: An official YUSMAN video demonstrating the process of using the jump starter to start a vehicle with a dead battery. It shows connecting the clamps, initiating the jump start, and the vehicle successfully starting. The video also highlights the jump starter's compatibility with various vehicle types like motorcycles, small cars, SUVs, and pickup trucks, and its power bank and flashlight features.

USING AS A PORTABLE POWER BANK

The YUSMAN Jump Starter features two USB output ports (USB 3.0 Quick Charge and USB 2.4A) to charge your mobile devices.

1. Connect your device's USB charging cable to one of the USB output ports on the jump starter.
2. Connect the other end of the cable to your mobile device (e.g., smartphone, tablet, Kindle).
3. The jump starter will automatically begin charging your device.

21800mAh POWER BANK

USB Dual-Device Charging



USB 3.0 FAST



USB 2.0



USB-C Input



Image: The YUSMAN jump starter functioning as a 21800mAh power bank, simultaneously charging a smartphone and a smartwatch via its USB 3.0 Fast and USB 2.0 output ports, with a USB-C input for charging the unit itself.

USING THE LED FLASHLIGHT

The built-in LED flashlight offers four modes for various situations:

- **Normal Light:** For general illumination.
- **SOS Mode:** Emits a Morse code SOS signal for emergencies.
- **Strobe Light:** A rapid flashing light for signaling or disorientation.
- **Warning Light:** A steady red light or flashing red light for roadside emergencies.

To cycle through the modes, press the flashlight button repeatedly. Press and hold to turn off.

4 MODE LED LIGHT FEATURES



Lighting



SOS



Strobe



Warning



Image: The YUSMAN jump starter's LED flashlight demonstrating its four modes: Lighting (normal), SOS, Strobe, and Warning, suitable for various outdoor and emergency scenarios.

MAINTENANCE AND STORAGE

- Clean the unit with a dry, soft cloth. Do not use harsh chemicals or abrasives.
- Store the jump starter in its provided storage case to protect it from dust and damage.
- Recharge the unit at least once every 3-6 months to prolong battery life.
- Store in a cool, dry environment, ideally between 32°F and 113°F (0°C and 45°C).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely drained.	Charge the unit fully.
Vehicle does not start.	Incorrect clamp connection; Vehicle battery is severely damaged; Vehicle has other mechanical issues.	Check clamp connections (red to +, black to -). Ensure the intelligent clamp indicator is green. If issues persist, consult a mechanic.
Intelligent clamps alarm sounds.	Reverse polarity connection; Short circuit; Over-voltage.	Disconnect clamps and re-connect correctly. Ensure no metal objects are bridging the terminals.
Device not charging from USB ports.	Jump starter battery is low; Cable is faulty; Device is not compatible.	Charge the jump starter. Try a different USB cable. Ensure your device is compatible with standard USB charging.

WARRANTY AND SUPPORT

YUSMAN provides comprehensive customer support for its products.

- **30-Day Unconditional Return:** If you are not satisfied, you may return the product within 30 days.
- **24-Month After-Sale Service:** The product is covered by a 24-month warranty for manufacturing defects.
- **Lifetime Customer & Technical Support:** YUSMAN offers ongoing support for the lifetime of the product.
- For assistance, please contact YUSMAN customer service via the contact information provided in your purchase documentation or visit the official YUSMAN website.