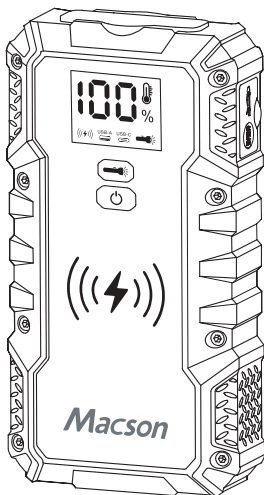


Macson

Lithium Jump Starter



M161A-016
USER MANUAL

Thank you for purchasing the lithium jump starter product. The product was designed with these functions for emergency uses:

- **Jump Starter**

Instantly jumpstart a vehicle.

- **Power Bank**

Charge mobile phone, tablet, and other digital devices.

- **Flashlight**

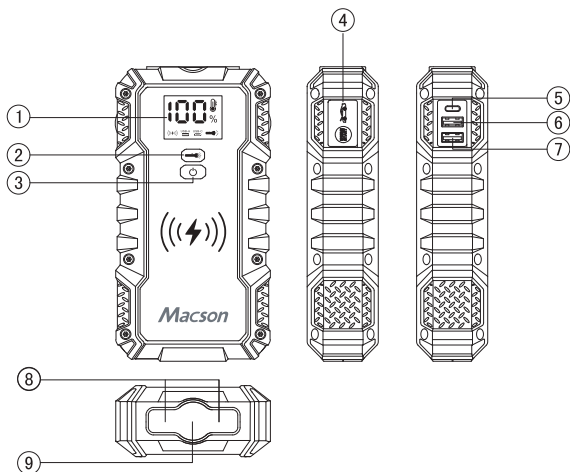
Super bright Flashlight with multiple modes.



WARNING:

Please fully read and understand the user manual before operating the product, as it contains the information you will need to operate the product properly. Failure to follow these instructions may result in personal injury or property damage. Keep this manual for future reference.

DIAGRAM



- 1) LED screen display
- 3) Power ON/OFF button
- 5) USB-C charging input
- 7) USB-A output #2
- 9) Flashlight

- 2) LED light button
- 4) Jumpstart port
- 6) USB-A output #1
- 8) LED strip light

SPECIFICATIONS

- Model: M161A-016
- Dimension: 7.5(L)*3.9(W)*1.8(H) inch
- Capacity: 59.2Wh(14.8V, 4Ah)
- Start current: 2000Amps
- Peak current: 3000Amps
- Compatible Vehicle: 12V lead-acid battery system vehicle
- USB-A output #1: 5Vdc, 3A / 9Vdc, 2A / 12Vdc, 1.5A
- USB-A output #2: 5Vdc, 2.4A
- USB-C Input & Output: PD60W Max
- Wireless Output: 10W Max
- LED light: Flashlight and LED strip light
- Charging temperature: 32°F~113°F (0°C~ 45°C)
- Operating temperature: -4°F~122°F (-20°C~ 50°C)
- Time to fully charge: Approximately 2.5 hours

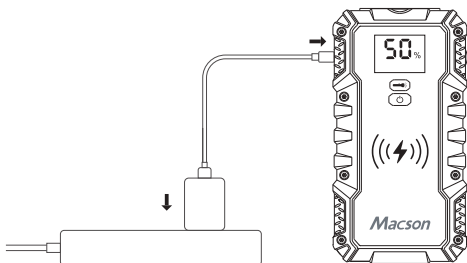


WARNING

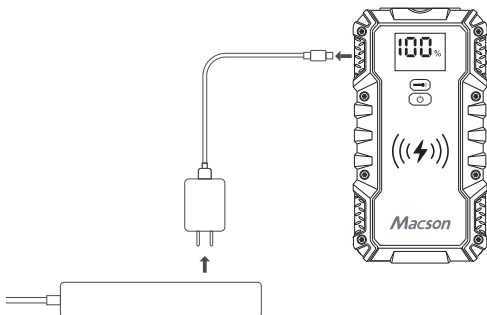
- Keep out of reach of children.
- The product was designed for jumpstart only 12V lead-acid battery system vehicle.
- Use of an accessory not recommended or sold by the manufacturer may result in damage to the product or personal injury.
- Do not jumpstart vehicle engine for more than 3 times consecutively as it may overheat or damage the product, please allow at least 60 seconds of interval after each jumpstart.
- Do not touch the RED(positive) and BLACK(negative) jumper clamps at any point, it is dangerous and may cause product damage or personal injury.
- Do not use the product in hot temperatures higher than 60°C.
- Keep the product away from flammable liquids or gases dust, or corrosive liquids.
- Do not disassemble the product. Incorrect assembly may result in fire or electrical shock.
- Please recharge the product every 6 months when not in use for a long time.

How to recharge the product?

- 1.Recharge the product by using the USB-C charging cable, and connect it with USB power supply.

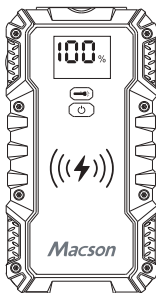


- 2.Disconnect the cable and power supply after the product was fully charged.



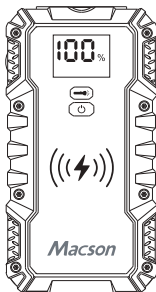
How to check the battery level?

Press  button to turn on, and the power level would be displayed on the LED screen.



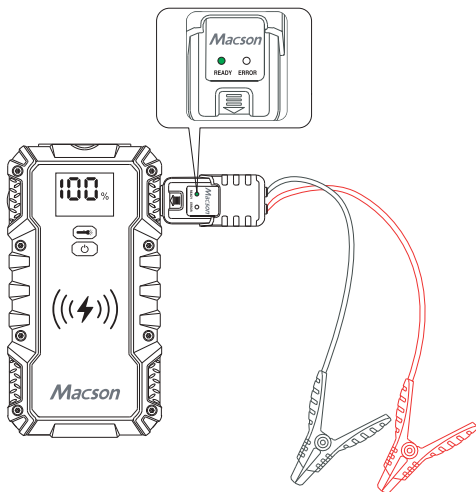
How to jumpstart a vehicle?

1. Press  button to turn on.



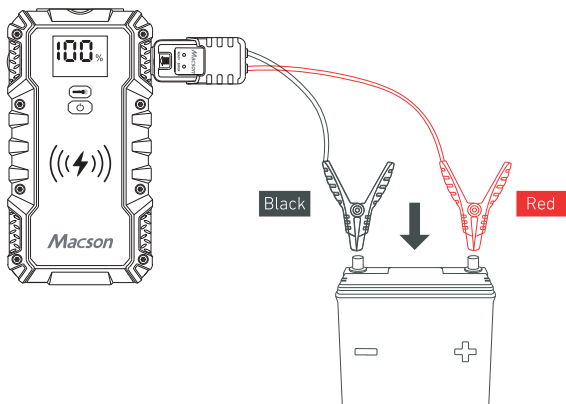
NOTE: Please keep the battery level higher than 50% for better jumpstart performance.

2. Plug the jumper cable into the product's jumpstart port completely. The jumper cable's GREEN LED indicator will start flashing ● , this means that the product is in jumpstart "Stand-by mode".



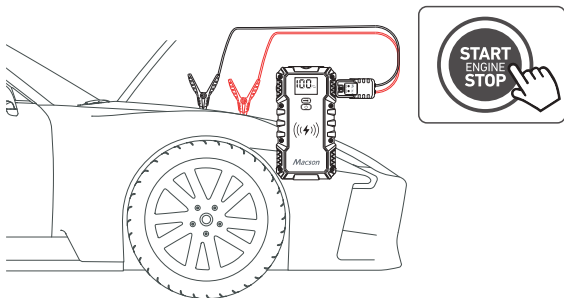
3. Attached the jumper cable clamps to the vehicle battery.
- RED(positive) clamp attach to the vehicle's POSITIVE terminal (+)
 - BLACK(negative) clamp attach to the vehicle's NEGATIVE terminal (-)

The jumper cable's GREEN LED indicator will be shown solid green ● , this means that the product is in "Jumpstart READY mode".

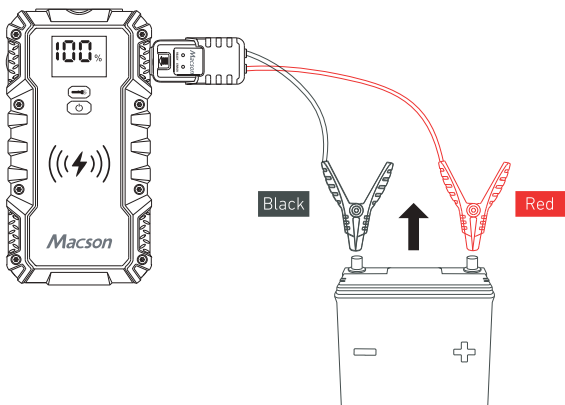


Note: In “Jumpstart READY mode”, you will have 120 seconds to jumpstart the engine.

4. Start the engine.



5. Remove the jumper cable clamps from the vehicle battery.

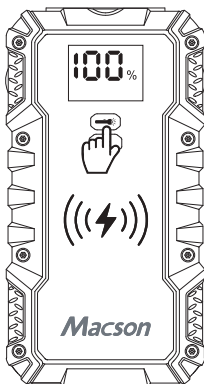


Jumper cable's LED and alarm behavior

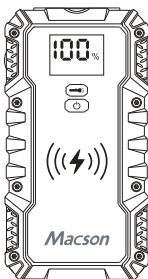
Item description	LED indicator	Buzzer Warning
Standy-by mode	● (GREEN flashing)	/
Jumpstart READY mode	● (Solid GREEN)	/
Jumpstart over time mode	● (GREEN flashing rapidly)	/
Short-circuit protection	● (Solid RED)	Keeps long beeping
Reverse Polarity protection	● (Solid RED)	Keeps long beeping
Reverse Charging protection	● (GREEN strobe)	/
Low Voltage protection	● (Solid RED)	Keeps long beeping
High Temperature protection	● (Solid RED)	Keeps long beeping
Jumper cable damaged	● (Solid RED)	Keeps long beeping

How to use the LED light?

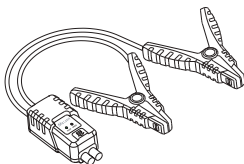
- Press  button to switch among below modes:
1. Flashlight → 2. SOS → 3. Strobe → 4. Flashlight + WHITE LED all on → 5. WHITE LED → 6. RED LED flashing → OFF
- Press and hold  button for 2 seconds to turn OFF the light directly.



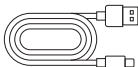
What's in the box?



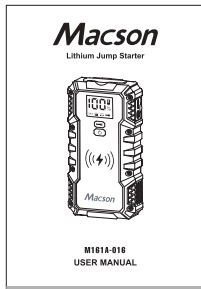
1. Main unit x1



2. Jumper cable x1



3. USB charging cable x1



4. User manual x1

WARRANTY

The manufacturer warrants this product for 12 months against defective material or workmanship under normal use. This limited warranty is void if the product is misused, subjected to careless handling, repaired, or modified by anyone other than manufacturer.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Macson