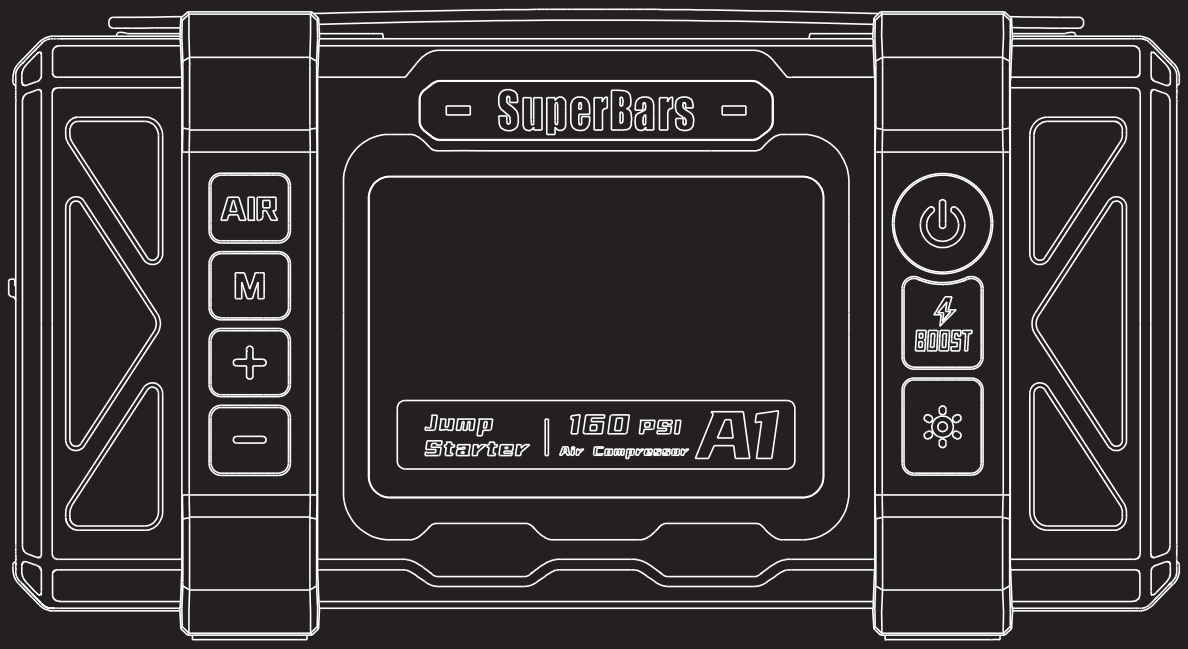
SuperBars

User Manual



Jump Starter A1

WITH AIR COMPRESSOR

Signal Supervisor APP

Please Scan the QR Code or Search "Signal Supervisor" on The APP Store and Google Play to Download it.

The information in this manual is subject to change without notice.
Download the app and get the latest user manual.

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Precautions

Thank you for choosing the SuperBars Jump Starter with Air Compressor. To ensure the great user experience and your safety, please read all instructions carefully before using this product and keep this manual for future reference.

Note

It is recommended to charge the product upon receiving it!
While reading this manual, you can start charging the device.

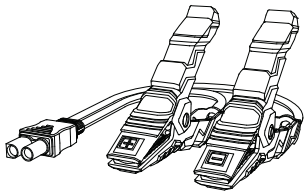
To ensure maximum battery life, avoid charging your product for more than a week at a time, as overcharging may shorten battery life. Over time, an unused product will discharge and must be recharged before use. Disconnect the product from power sources when not in use.

IMPORTANT SAFETY WARNING

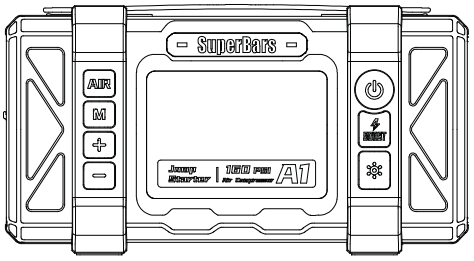
This device is designed for vehicles (equipment) with 12V batteries. Using it with other types of batteries may be dangerous.

Please read and understand all safety information before use.
(In PAGE 18 WARNING)

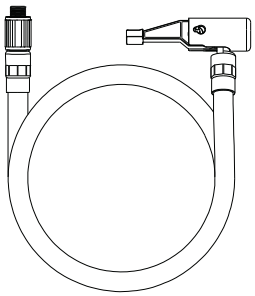
Packing list



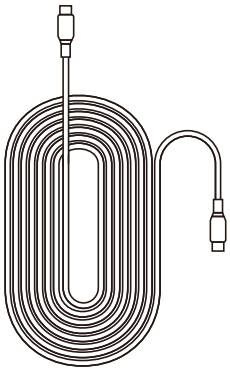
• Battery Clamps



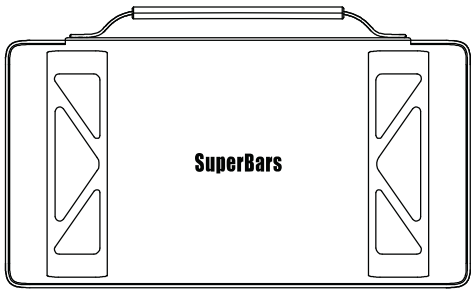
• Jump Starter with Air Compressor



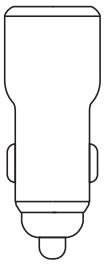
• Air Hose



• USB-C to USB-C Charger Cable



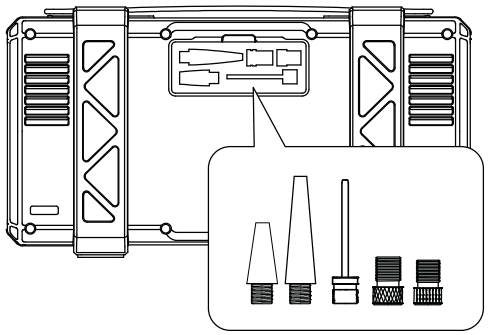
• EVA Pack



• Car charger

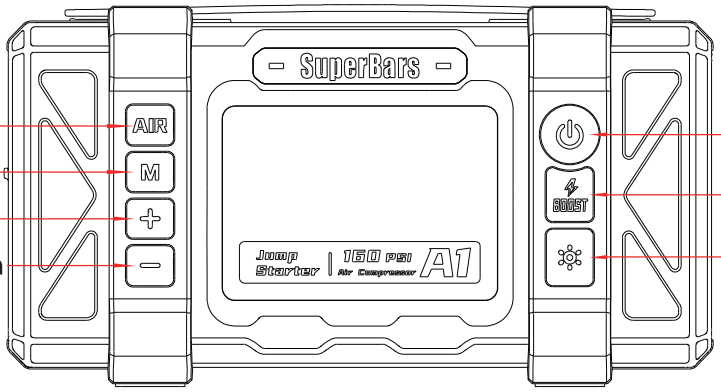


• User Manual



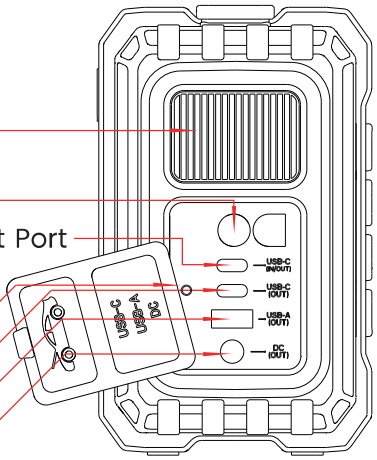
• Air Nozzle*5

Components and Function Introduction

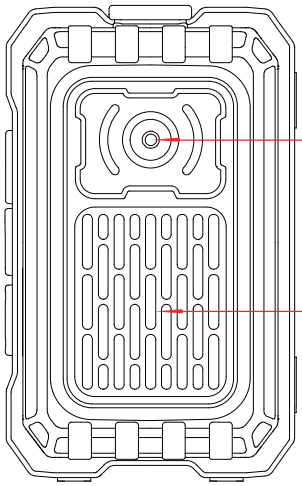


4 Inflation Button
5 Mode Selection Button
6 Pressure Increase Button
7 Pressure Decrease Button

1 Power Button
2 BOOST Button
3 LED Button

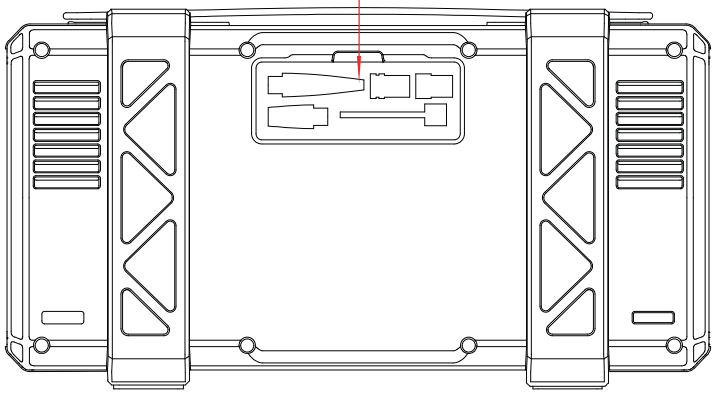


8 LED Light
9 Jump Start Port
10 USB-C Input/Output Port
11 Reset Button
12 USB-C Output Port
13 USB-A Output Port
14 DC Output Port



15 Inflation Port
16 Cooler Fan (Inside)

17 Air Nozzle Box



Button Descriptions

❶ Power Button

Press the for 3 seconds to turn on or turn off the device.
Upon power on, all indicator light will light up for 2 second. The device defaults to "INFLATION MODE". In this mode, the screen will display the battery level and current pressure, along with the preset pressure and inflation unit and inflation function mode.

❷ BOOST Button

In "INFLATION MODE," press , device switches to "POWER MODE".

For safety reasons, **JUMP START(BOOST AND BOOST+)CAN ONLY BE INITIATED IN THIS MODE.**

If the device switches to "POWER MODE" and detects that the cable clamps are properly connected to the car battery, the device will activate BOOST.

Press the for 5 seconds, with a sound lasting one second, BOOST + function is activated.

Before operating BOOST/BOOST+, please ensure the device is in "POWER MODE," the cable clamps are properly connected to the car battery, and at least the READY and BOOST are illuminated on the screen.

NOTE: When used improperly and/or against our recommended use, it may result in injury or death and will void your warranty.

❸ LED Button

Press for 1 second, turn the light on or off. The light initially enters a constant-on state(White Light).
Press , the light changes to a flashing state（red light）.
Press , the light changes to a SOS state（red light）.
Press , the light Switch back to a constant-on state(White Light).

❹ Inflation Button AIR

In "INFLATION MODE," Long press AIR for 3 second, the device will inflate to the set. During the inflation process, press AIR, the device stop inflating. If Long press AIR for 3 second again, the device will inflate again. The device will also save the current inflation settings for quick use next time. (Short press the AIR button 5 consecutive times to restore the inflation settings to factory defaults.)

❺ Mode Selection Button M

In "INFLATION MODE",
a. Upon startup, the inflation function modes defaults to "Custom Mode".
Press M, inflation function modes switches.; Each press M through the inflation function modes: "SUVs Mode," "Car Mode," "Motorcycle/Bicycle Mode," and "Ball Mode," and another press M,the inflation function switches back to "Custom Mode."
Initial Unit: PSI

Custom Mode: Initial Value: 0PSI, Min: 0PSI, Max: 160PSI
SUVs Mode: Initial Value: 36PSI, Min: 26PSI, Max: 60PSI
Car Mode: Initial Value: 35PSI, Min: 26PSI, Max: 45PSI
Motorcycle/Bicycle Mode: 44PSI, Min: 30PSI, Max: 145PSI
Ball Mode: 7PSI, Min: 4PSI, Max: 16PSI

b.Upon startup, the inflation units defaults to "PSI".
Each long press M for 1 second or long press without releasing M, through the inflation unit:"BAR," "KPA," and "Kg/cm²," and another long press M for one second, the inflation units switches back to "PSI."

❻ Pressure Increase/Decrease Button +−

In "INFLATION MODE", press +−, the setting pressure will increase/decrease value by one unit.
Long press without releasing, the setting pressure value will rapidly increase/decrease by one unit.
Units: KPA: ±1; BAR: ±0.01; PSI: ±1; kg/cm²: ±0.01;

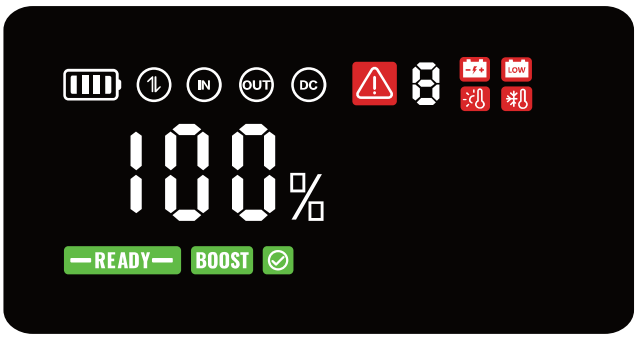
LED Display Instructions

Long press Power Button for 3 seconds to power on the device, and enter "INFLATION MODE".

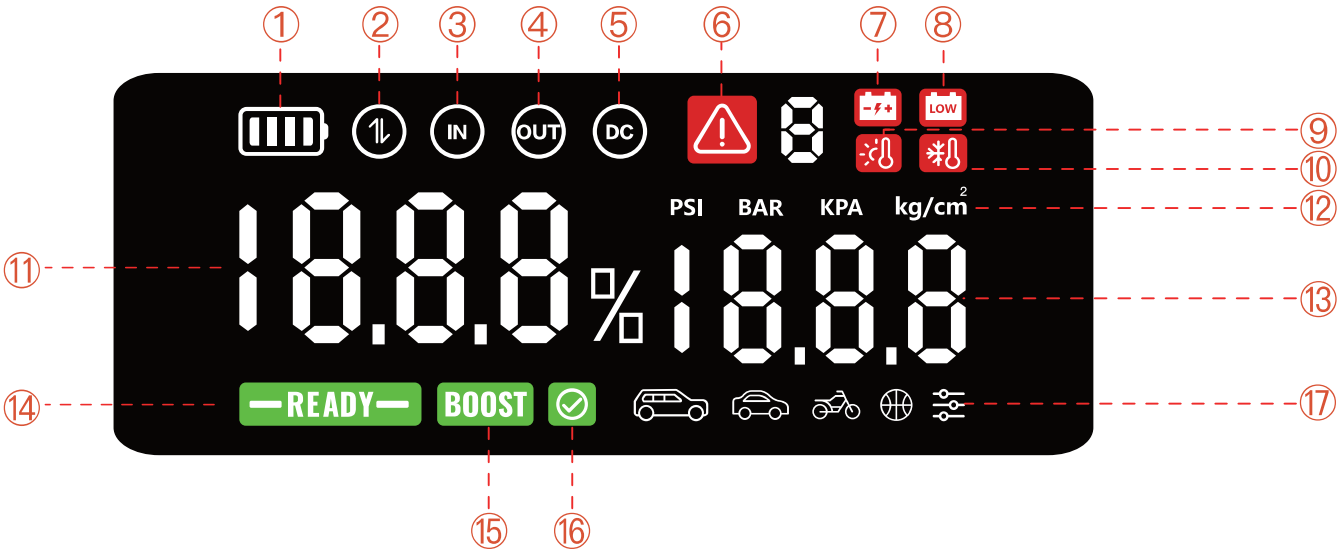
After that, press BOOST Button to switch to "POWER MODE". Press AIR to back to "INFLATION MODE".



In "INFLATION MODE"



In "POWER MODE"



① Battery Status

② Bluetooth Status

③ Charging Status

④ Power Supply Status

⑤ DC Supply Status

⑥ Safety Protection Type

⑦ Reverse Connection Protection

⑧ Low Vehicle Battery Voltage

⑨ High Temperature Protection

⑩ Low Temperature Protection

⑪

In "INFLATION MODE"	In "POWER MODE"
Real-Time Air Pressure Value	Battery Level

⑫ Pressure Unit (PSI / BAR / KPA / kg/cm²)

⑬ Preset Air Pressure Value

⑭ Clamps Connection Status

⑮ BOOST/BOOST+ Ready Status

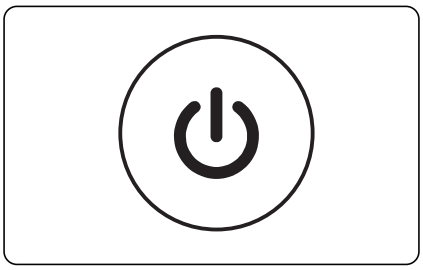
⑯ Inflation/BOOST/BOOST+ Completion Status

⑰ Inflation Function Mode
SUV/Car/Motorcycle and Bicycle/Ball/Custom

Feature 1: How to Start a 12V Vehicle

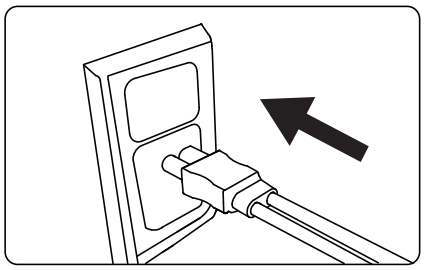
(Ensure Battery Level >50% best)

1 POWER ON



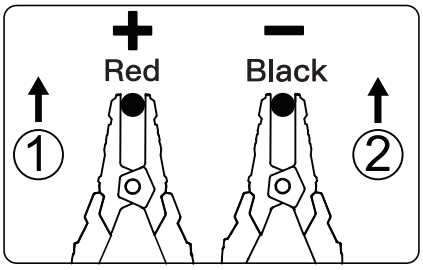
Press ⏻ for 3 seconds to turn on the device.

2 CONNECT JUMP START PORT



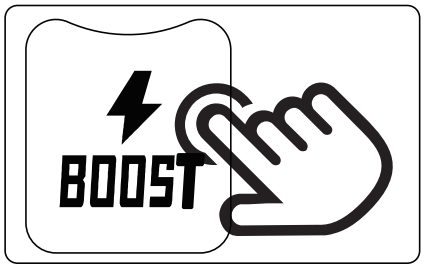
Connect EC6 plug of the battery clamp into the device port, ensuring the plug is fully inserted.

3 CONNECT CLAMPS



Correctly connect the clamps to the car battery terminals, red clamp to the positive terminal(+) and black clamp to the negative terminal(-).

4 PRESS BOOST



Wait for READY and BOOST appear on the screen.

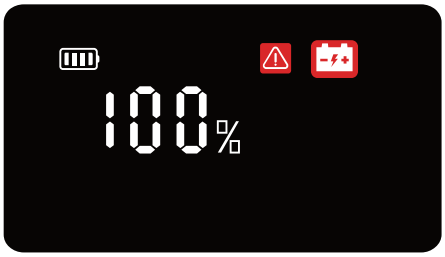
NOTE: In"INFLATION MODE", the jump start function is disabled.

READY appear on the screen:

Indicates correct connection and safety check is done, the device automatically enters BOOST working.

appear on the screen:

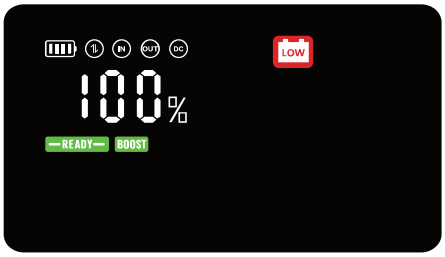
Indicates incorrect polarity connection.
Please reconnect the battery clamps to the correct terminals. Ensure disappear, and wait until READY appear on the screen.





LOW appear on the screen:

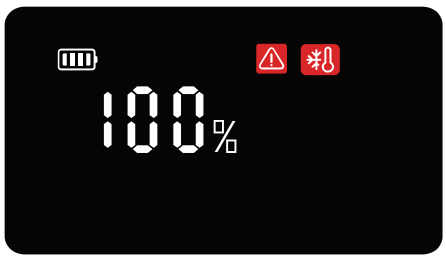
Indicates car battery is in low voltage.
Long press BOOST for 5 seconds to use BOOST+.
Before using it, make sure READY appear on the scrreen.



appear on the screen:

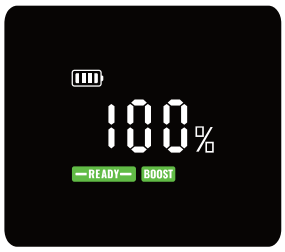
Indicates battery temperature drops below 0°C/32°F, protection activated. Battery temperature should be above 5°C/41°F（Temperature Monitor in APP can cheak it）. When battery temperature within the operating temperature range, reconnect the battery clamps to the Vehicle battery.

NOTE: You can heat the battery by placing it inside your clothes, and zipping it up. Using a hand warmer inside your clothes will be better, and it usually takes about 15 minutes.

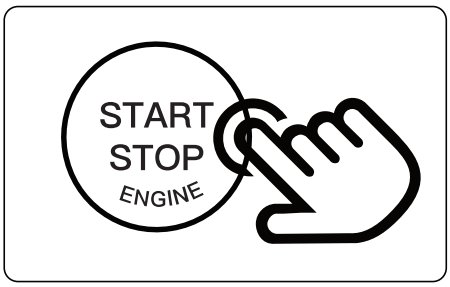


The screen have not changed:

Indicates the battery may be completely damaged. Ensure correct polarity connection, then long press BOOST for 5 seconds to use BOOST+. Wait until READY appear on the screen.

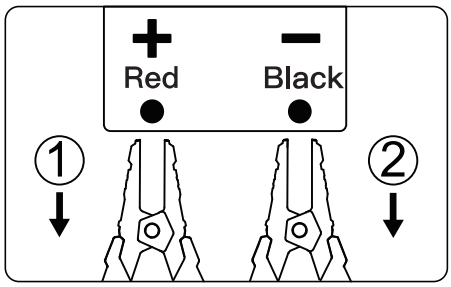


5 START YOUR CAR



Turn the car ignition switch to the START position.

6 REMOVE CLAMPS



✓ appear on the screen, remove the battery clamps.

Feature 2: Charging Electronic Devices such as Phones/Tablets

1. Connect the USB plug of the adapter cable to the USB-C (IN/OUT or OUT) / USB-A(OUT) port on the device.

2. Connect the charging head to the phone / tablet or other electronic device.

3. Press and hold the power button for 3 seconds to turn on the device and start charging the electronic device, while the icon of power supply status OUT will appear on the screen.

NOTE: Charging cannot occur if the device is not powered on. The device will automatically shut down in 1 minute after the phone / tablet or other electronic device is fully charged or all the port be removed.

Feature 3: Charging the Device

1. Connect the charging cable to a suitable charger, then plug the home charger into the charging oulet.
2. Insert the plug into the USB-C(IN/OUT) port on the device, the icon of Charging Status IN will appear on the screen.

Feature 4: Switching LED Light Modes

1. Press for 3 seconds to turn on or turn off the device.

2. Press for 1 second, turn the light on.

3. Briefly press to switch between light modes: constant-on state(White Light), flashing state(red light), and SOS state (red light).

NOTE:

The LED light cannot be used if the device is not powered on.

NOTE ON Auto Shut-Down Mechanism:

To protect the battery life of the device, we have designed an automatic shut-down mechanism for prolonged standby time:

1. If the light is on, the device will automatically shut down after 4 hours.

2. If the light is off and in standby mode, the device will shut down after 2 minutes.

Feature 5: Smart Application

A free application is available for customer support, installation guidance, and assistance with using jump starter with air compressor.

- BATTERY LEVEL MONITOR
- BATTERY TEMPERATURE MONITOR
- SET THE AIR COMPRESSOR
- ASSISTANCE WITH THE USE OF JUMP STARTER WITH AIR COMPRESSOR
- TUTORIAL VIDEO
- DEDICATED SUPPOT

Once the device is paired with your phone, you can use the following app features.

Signal Supervisor APP

Please scan the QR Code or search "Signal Supervisor" on the App Store and Google Play to download it.

The app features a built-in Bluetooth. To connect and bind the device, simply turn on Bluetooth on your phone and search for nearby devices within the app.

1.Open the APP;
2.Register Your ID:
Complete the registration process within the app.
3.Turn on the device:
Ensure the device is powered on.
4.Connect via Bluetooth:
Enable Bluetooth on your mobile phone and keep it within 5 meters of the device. Open the app, navigate to My Device > Add Device > Scan Device, and select the jump starter with air compressor. Once connected, the device will be successfully added.

For Jump Starter

A. Battery Level Monitor:

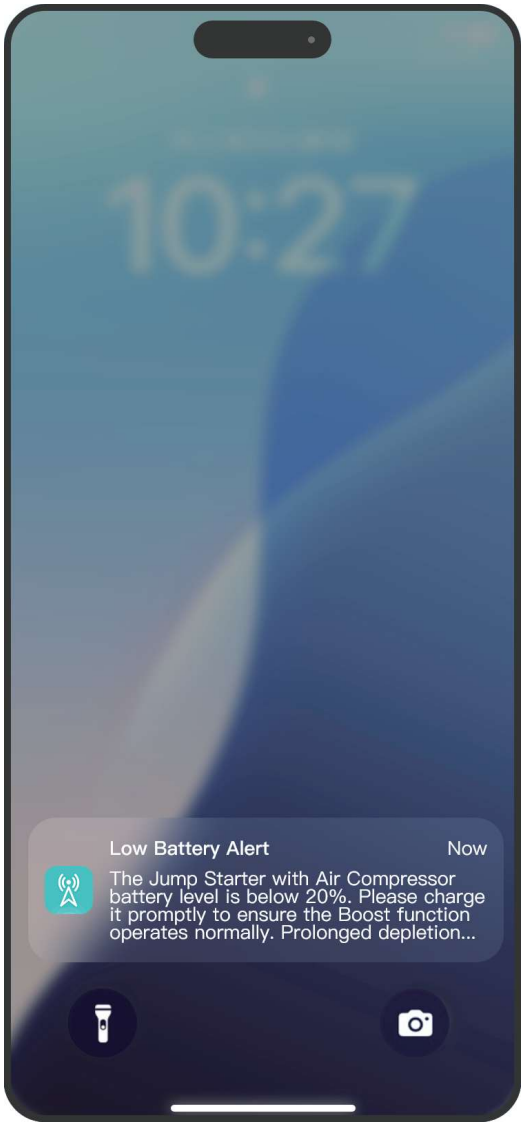
Inform you of the device's current battery level whenever you are near it, allowing you to charge it in a timely manner and ensure your device is powered when you need it.

B. Battery Temperature Monitor

When the device is in low-temperature protection mode, this function allows you to clearly understand the device's battery temperature, know when the device is operating at its most efficient, and simultaneously maximize device safety and battery protection.

A. Battery Level Monitor

My Device > Device > Device name > Inflation / Jump-start



B. Battery Temperature Monitor

My Device > Device > Device name > Jump-start > Battery Temp



For Air Compressor

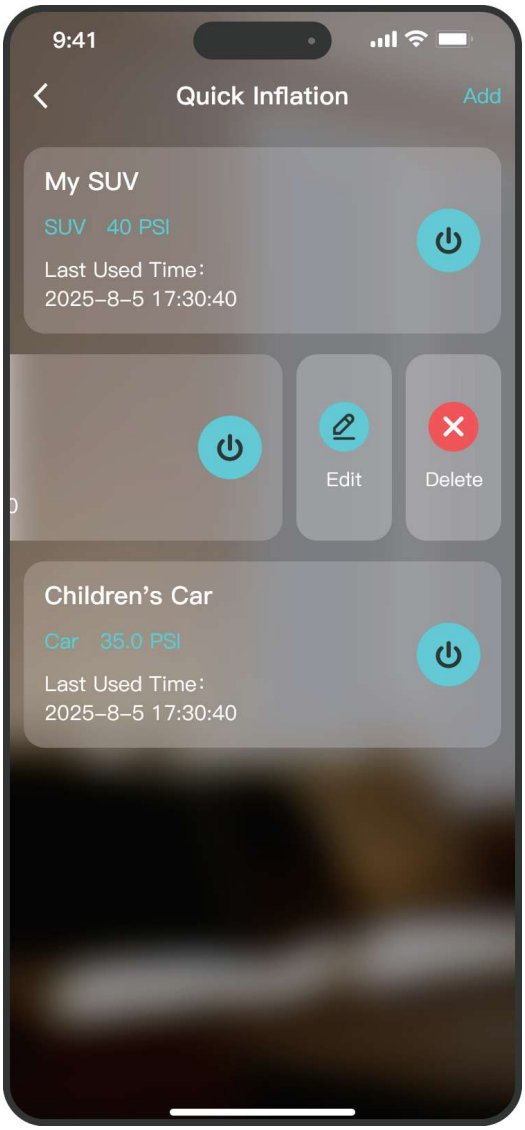
A. Personalized Inflation Settings

Not only allows you to set the pressure unit and value corresponding to the device's inflation function modes, making it convenient for your next inflation, but **it also allows you to set up profiles** for multiple vehicle tires before inflation, and then inflate the tires according to the saved profiles without needing to adjust inflation parameters on the device.

B. Tire Pressure Check/Adjustment Reminder

Allows you set up periodic reminders for checking tire pressure and ensure driving safety.

A. Personalized Inflation Settings
My Device > Device > Device name > Inflation > Quick Infaltion



B. Tire Pressure Check/Adjustment Reminder
My > Set > Notification > Device Notification Management



Technical Specifications

Model	A1
Battery Capacity	59.2Wh
USB-C Input/Output	65W (5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓3.25A)
USB-C Output	18W (5V⎓3A, 9V⎓2A, 12V⎓1.5A)
USB-A Output	18W (5V⎓3A, 9V⎓2A, 12V⎓1.5A)
DC Output	12.5~16.8V⎓10A
Operating Temperature	1-20℃ - 60℃ / -4℉ - 140℉
Full Charge Time	1-1.5 hours
Dimensions	144.6X267.5X88.2 MM
Weight	1618g

Frequently Asked Questions(FAQ)

· How to turn off the jump starter?

Press the power button for 3 seconds to turn off or it will auto shut down after 2 minutes of inactivity.

· How long does it take to charge the device？

Approximately 1-1.5 hours. (using a 65W charger)

· Can I charge my phone or tablet with the device?

Yes, the device is equipped with a 65W USB-C(IN/OUT) fast-charging port and a USB-A port to charge various electronic device.

· How many times can the jumpster with air compressor start a car?

Approximately 30-40 times.

· What is the lifespan of the device?

Under normal usage, it can last for 3-5 years.

· How long can the device be stored without use and still start a car?

The device is designed to retain charge for 6-12 months, but for longer lifespan, it is recommended to charge it when the App reminds you to charge the device or charge it every 3 months.

· Why is there a low battery protection? Wouldn't it limit me to use the device in emergency?

This protection is designed to prevent battery damage from over-discharge, ensure reliable jump-starting, guarantee safe equipment operation, and extend the power supply's lifespan.
The app has Battery Level Monitor. Once your phone is paired via Bluetooth, the app will inform you of the device's current battery level each time you are near the device. This allows you to schedule charging accordingly, ensuring the device is always powered when you need it.

Troubleshooting

· If the following operations do not solve your issue, please stop using the device and contact us. Contact information can be found in the last PAGE Customer Service Center.

· Jump Starter Error Information / Causes / Solutions

Error	Causes	Solutions
	Reverse connection protection activated, Jumper cables connected with reversed terminal to the car.	Connect the battery clamps to the correct terminals. Red to +, black to -.
	Correctly connected car battery,but battery voltage is below 9V,and battery temperature is above 0°C/32°F.	Long Press BOOST button for 5 seconds to use BOOST+.Before using, make sure READY appear on the screen.When used improperly and/or against our recommended use, it may result in injury or death and will void your warranty.
	High-temperature protection activated, battery (motor) temperature reaches 55°C/131°F(90°C/194°F).	The device resumes normal when the battery (motor) temperature drops to 45°C/113°F(60°C/140°F).You can place the device in a cool place.(APP has Temperature Monitor).
	Low-temperature protection activated, battery temperature too low.Protection activates below -20°C/-4°F and resumes at 0°C/32°F.	This protection setting is designed for extreme conditions can be used. For jump start best and battery safety, battery temperature must above 5°C/41°F(Temperature Monitor in APP can cheak it). You can heat the battery by placing it inside your clothes, and zipping it up. Using a hand warmer inside your clothes will be better, and it usually takes about 15 minutes.
	Low battery voltage protection activated, battery level below 20%.	Recharge the battery to over 20%.
	Short circuit or overcurrent protection activated, device output is shut down.	Press the power button to disable the protection. Don't connect the clips together or to the same metal.
	Relay operation is abnormal.	Stop using the device and contact us for further assistance.
	Overvoltage（reverse charging）protection activated, device output is shut down.	Press the power button or Unplug and replug the EC port to disable the protection.
	The device battery voltage drops below 6V, and device output is shut down.	Disconnect the jumper clamps from both the vehicle battery and the device, then charge the device to at least 75% capacity.

· Air compressor Error Information / Causes / Solutions

Error	Causes	Solutions
	High-temperature protection activated, battery (motor) temperature reaches 55°C/131°F(90°C/194°F).	The device resumes normal when the battery (motor) temperature drops to 45°C/113°F(60°C/140°F).You can place the device in a cool place.(APP has Temperature Monitor).
	Low battery voltage protection activated, battery level below 20%.	Recharge the battery to over 20%.
	Short circuit or overcurrent protection activated, device output is shut down.	Press the power button to disable the protection. Don't connect the clips together or to the same metal.
	Relay operation is abnormal.	Stop using the device and contact us for further assistance.
	Overvoltage（reverse charging）protection activated, device output is shut down.	Press the power button or Unplug and replug the EC port to disable the protection.
	The real-time air pressure is 0 or the air pressure does not increase for more than 3 minutes.	Check for leaks, check the connection of inflation-related components, and try inflating it again. CAUTION the vent is overheating.
	Temperature sensor operation is abnormal.	Long press the power button to turn off the device and wait 3 minutes, then restart.
	Motor operation is abnormal.	Long press the power button to turn off the device and wait 3 minutes, then restart.

· Why can not the App Search for the device?

1 Proximity and Operation:

Ensure the device is within 5 meters of the mobile phone and is in normal operation.

2 Bluetooth Search:

With Bluetooth enabled on your phone, check if the device's Bluetooth (JS25A1**********) can be detected in the app under My Device > Add Device > Scan Device. If it cannot be found:

· Press the Reset button(In PAGE 03) to reset the device to factory settings.

· Try connecting with a different mobile phone to see if the issue persists.

· If the device's Bluetooth still cannot be detected, the module may be loose or faulty and requires repairs.

3 Customer Support:

If issues persist, access customer service support (In LAST PAGE) for further assistance.

WARNING

REMINDERS WARNING:

· Read the manual carefully before using this product.
· This product is for 12V vehicle starting only. Using it on other vehicles may be dangerous.
· Do not use as a replacement for a car battery.
· Keep out of reach of children.
· Do not use as a toy.
· Risk of fire, explosion, and burns.
· Do not modify or disassemble the product. Repairs should only be performed by qualified technicians.
· Do not expose the product to extreme heat of fire.
· Don not smoke, strike a match, or cause a spark in the vicinity of the product.
· Do not drop the product. If the product suffers an impact or damage, have it inspected by a qualified battery technician.

CAUTION BEFORE USE:

· Do not overcharge product.
· Only charge product in a well-ventilated area when not in use.
· Charge the product only within a temperature range of 0℃ to 45℃(32℉ to 113℉)
· Do not store the product in environments with temperatures exceeding 60℃(140℉).
· This device is intended to be stored in doors when not in use. This device shall not be stored or left outdoors when not in use.
· Keep the product dry.
· Do not use if the battery clamps or cables are damaged.
· Before starting, ensure all battery terminals are clean and the clamps are properly connected. Dirty or corroded battery terminals may reduce performance.
· Ensure someone is within hearing range or close enough to help you while using the product.
· Remove metallic accessories like rings, bracelets, and necklaces before using.

CAUTION FOR USE :

· Do not operate the product in explosive environments, such as near flammable liquids, gases, or dust.
· This device is intended for temporary use outdoors. Should be care when using in wet conditions.
· Do not expose the product to water or immerse it in water.
· Make sure the EC6 plug is fully inserted into the product port.
· Do not connect the positive and negative terminals of the battery clamps.
· Avoid reversing the polarity of the clamps, as it can cause a short circuit leading to internal cell overheating or even fire.
· Risk of Injury to persons. BOOST+ Mode disables all safety measures. When used improperly and/or against our recommended use, it may result in injury or death and will void your warranty.
· Before operating BOOST/BOOST+, please ensure the device is in "POWER MODE," the cable clamps are properly connected to the car battery, and at least the READY and BOOST are illuminated on the screen.
· Do not start the car more than 3 times in a row. Allow a 2-minute interval between starts to prevent overheating.
· Do not start the vehicle while charging the main unit.
· Do not use the clamps to power other equipment.

CAUTION AFTER USE :

· After starting, remove the product from the car battery within 30 seconds avoid damage.
· Do not leave the product connected to the car battery after starting the vehicle.
· After using the product to start a vehicle, do not charge it immediately.
· Dispose of lithium battery products according to local regulations at the end of their life.
· If the main unit leaks, dispose of it with appropriate measures.
· In extreme conditions, battery leakage may occur. If liquid leaks from the product, do not handle it with bare hands. In case of skin contact, wash immediately with soap and water. If it contacts the eyes, rinse with cold running water for at least 10 minutes and seek medical attention.

FCC Part15 Compliance Statements

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.

Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

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:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Customer Service Center

If you have any problems with the function of installation, please feel free to reach us.

Signal Supervisor APP

Please scan the QR code or search 'Signal Supervisor' on the App store or Google Play to download it.

For more information

Email: superbars_service@outlook.com
Service Hotline: (469)871-2546