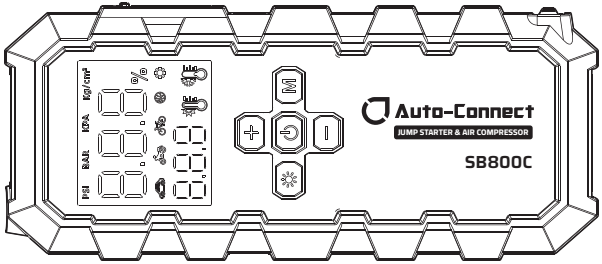
Auto-Connect

USER MANUAL

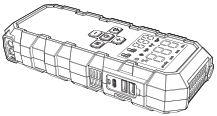


SB800C

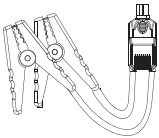
Multi-functional
12V Jump starter & Air Compressor


Auto-Connect

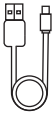
INCLUDED IN THE PACKAGING



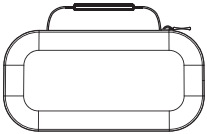
Jump Starter



EC5 Jumper Cable



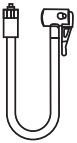
Charging Cable



Storage Bag



Air Nozzles

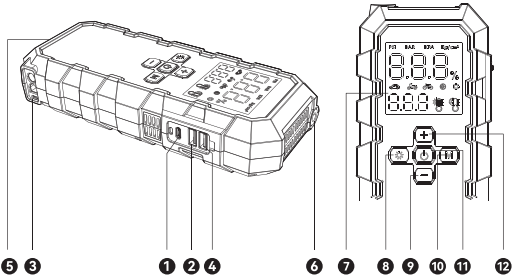


Inflation Line



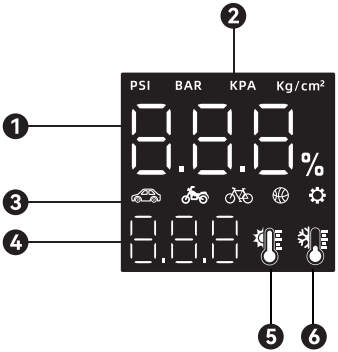
User Manual

PRODUCT DIAGRAM



1. **Type-C Input:** Supports voltage/current inputs of 5V/3A.
2. **USB2 Output:** Supports output options of 5V/3A
3. **EC5 Output:** This port serves as the power interface for battery clamps.
4. **USB1 Output:** Supports 5V/3A output.
5. **LED Lights:** LED flashlight
6. **Inflation Line Port:** Supports maximum of 150 PSI pressure output.
7. **LED Screen:** Displays battery level, pressure level, default inflation modes and protection warning for easy reading.
8. **LED light button:** This unit features 3 lighting modes: LED flashlight/SOS/ strobe Press the light button to toggle the light ON and OFF.
9. **– Pressure Button:** Press to decrease pressure.
10. **Inflate Button:** Step 1: Single press to activate the inflation mode.
    Step 2: Single press to switch the inflation target.
    Step 3: Long press 3s to switch unit modes.
11. **Power Button:** Press to turn the unit ON and long press to turn OFF.
12. **+ Pressure Button:** Press to increase pressure.

LED SCREEN INSTRUCTIONS



1. **Battery Balance:** Indicated on the screen.
2. **Unit of Measurement:** Four units of measurement: PSI, BAR, KPA, KG/cm^2
3. **Inflation Mode:** five inflation modes: For car tyres, motorcycle tyres, bikes tires, balls and Custom Mode.
4. **Pressure Level:** Indicated on the screen.
5. **High Temperature Protection:** The " " will blink when the the product is overheated.
6. **Low Temperature Protection:** The " " will blink the the battary voltage has dropped too low.

Technical Specifications

Internal Battery Type	Lithium polymer (LiPo)
Peak Current	800A
Starting Current	400A
Battery Capacity	3.7V/8000 mAh (29.6 Wh)
Operating Temperature	-4°F to +140°F (-20°C to +60°C)
Charging Temperature	32°F to +122°F (0°C to +50°C)
USB-C (In)	5V/3A
USB-A1(Out)	5V/3A
USB-A2 (Out)	5V/3A
USB-A1(Out) + USB-A2 (Out)	5V/3A
Recharge Time	2.8hours (with 15W charger rating)
Weight	1.14 kg (2.51 lbs)
LED Flashlight	100 Lumen
Noise Level	100dB
Maximum Pressure Capacity	150 PSI
Air Flow Rate	≥19L/min

Warnings



Please read carefully and understand all safety information before using this product. Failure to follow these safety instructions may result in serious injury, property damage, or death.



Explosive Gas: Lithium battery /Lead–acid batteries can produce explosive gases during use.

Precaution: Check all warning labels on the product and engine, and follow all safety guidelines from the battery manufacturer and related equipment manufacturers. Operate the product in a well-ventilated area, and keep away from open flames, sparks, and smoking materials.



Explosion: Using incompatible, damaged, or unmonitored batteries with this product can lead to explosions.

Precaution: Ensure all connections are secure and correct. Do not leave the product unattended during use. Avoid using the product with damaged or frozen batteries and ensure compatibility with the recommended voltage, and follow the manufacturer's instructions carefully.



Fire: The product can emit heat during use or recharging as an electrical device. It can pose a fire risk and is capable of causing burns when overheated.

Precaution: Monitor the device during charging and keep it away from flammable materials. Keep the product uncovered during use. Avoid smoking or using open flames near the product.



Electrical Shock: This product is an electrical device that can cause severe injury through electrical shock.

Precaution: Handle all cables and connections with care. Do not expose the product to water or moisture.

Important Safety Information

Operating Temperature: Operate the product within ambient temperatures of -20°C to 60°C. Do not operate outside these ranges. Keep it away from humid, hot, or flammable places.

Storage Conditions: Store in a dry location with a temperature range of -20°C to +60°C, with a daily average of 0°C to +25°C. Never exceed 80°C under any condition. Store in a dry place, away from damp conditions or corrosive materials.

Use Precaution: Use the product only as intended. Always wear eye protection and protective clothing when working near a battery. Do not handle or wear metal objects (e.g., tools, watches, jewelry), as they may spark or create a short circuit if accidentally dropped onto the battery. Keep clean water and soap nearby for battery acid contamination. Wash hands after handling batteries and related materials. Stop using immediately if you notice swelling, leakage, or an odor.

Starting Compatibility: This product is compatible only with 12-volt lead-acid batteries. Consult the battery manufacturer if unsure about the battery's specific chemistry or voltage before use.

Product Modifications: Do not alter, modify, or repair any part of the product. Disassembling the product may cause injury, death, or damage to property. Any modifications void the warranty.

Choking Hazard: This product should not be used by children. Accessories may present a choking hazard to children. Do not leave children unattended with the product or any accessory.
The product is not a toy.

Minor Safety: The purchasing adult must provide detailed instructions and warnings if used by a minor. Failure to do so is the sole responsibility of the purchaser.

Force Start Function: Activating the force start function disables all safety features including spark-proof and reverse polarity protection. Do not reverse connect the clamps. Do not short-circuit the jump starter by connecting the red and black clamps directly. Handle with extreme caution, as it may cause sparks or damage if misoperated, which may result in serious injury, property damage, or death.

Battery Disposal: The built-in lithium-ion battery should only be replaced by the manufacturer and must be recycled or disposed of separately from household waste. Do not attempt to replace the battery yourself. Always take used batteries to a local battery recycling center.

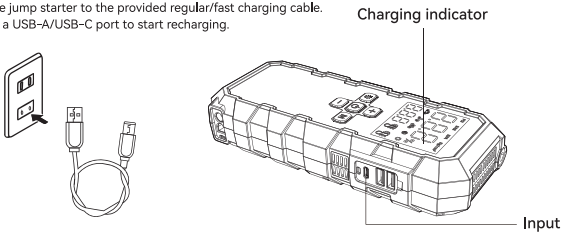
HOW TO RECHARGE THE JUMP STARTER

This jump starter comes partially charged out of the box and needs to be fully charged prior to use. Read the battery level on the LED screen.



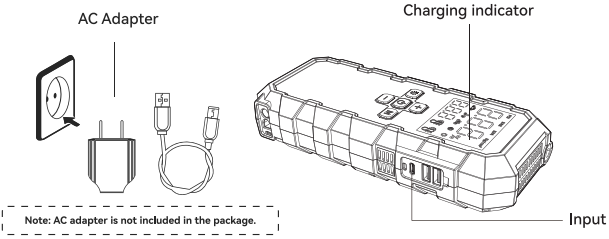
Recharge With The Provided Charging Cable

1. Connect the jump starter to the provided regular/fast charging cable.
2. Connect to a USB-A/USB-C port to start recharging.



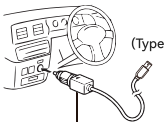
Recharge With An AC Adapter

1. Connect the jump starter to the provided regular/fast charging cable.
2. Connect the charging cable to an USB-A/USB-C AC adapter.
3. Plug the AC adapter into a power source to start recharging.

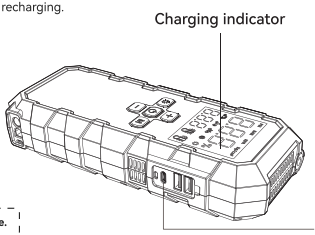


Recharge With A Car Charger

1. Connect the jump starter to a Type-C car charger.
2. Plug the car charger into a power source to start recharging.



Cigarette Lighter Adapter

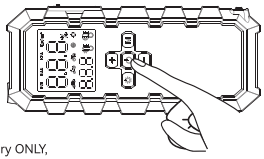


Note: Car charger is not included in the package.

HOW TO JUMPSTART YOUR VEHICLE

The SB800C jump starter is specifically designed for jump starting 12V lead-acid batteries in gasoline engines less than 4.0L and diesel engines less than 2.5L. Do not attempt to jump start vehicles with a higher battery voltage, different voltage, or higher displacement. Suitable for vehicles, including cars, trucks, boats, buses, SUV, RV, lawn mowers, motorcycles, and more.

Before operating, ensure that your jump starter has battery level above 30%.
Recharge the unit if battery level is below 30%.



Important Notes

This jump starter is designed to jump start 12V lead-acid battery ONLY, and is not suitable for other types of battery.
When starting the vehicle, always use the included jumper clamps and avoid continuous cranking in short intervals.
Do not recharge the device immediately after jump starting a vehicle.
Do not expose the device to heat, open flames, water, or attempt to disassemble or modify it.
It is recommended to allow the jump starter to cooldown before the next attemp after 3 failures in a row.
After jump-starting your vehicle, promptly disconnect the jump starter from the engine to prevent any issues. Be cautious to avoid reverse charging in case of accidental misuse.
The jump starter will automatically enter sleep mode after 30 seconds of inactivity. Reactivate it by pressing the power button.
Recharge the jump starter at least once every 3 months to maintain battery health.

Smart Battery Clamps Instructions

The smart battery clamps are equipped with 10 safety features to safeguard against damage caused by misoperation or incorrect connections.


Over Charge Protection


Over Current Protection


Short Circuit Protection


Reverse Polarity Protection


Low Temp Protection


High Temp Protection


Over Voltage Protection


Over Load Protection


Reverse Charge Protection

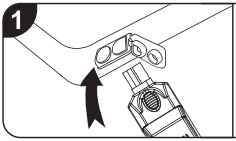

Spark Proof Protection

Indication	Status / Instruction
Red-Green Light	(Connecting) Standby mode: When inserting the battery clamp port into EC5. When the product is connected to the battery clamp, the red and green lights flash alternately.
Green Light	(Connection successful) Ready-to-start mode: When the battery clamp is correctly connected. When connected to the vehicle battery terminal, or when the force start function is activated.

Jump Start Mode

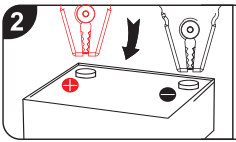
Follow these step-by-step instructions. Ensure to follow these steps precisely to safely and effectively jump start your vehicle.

1



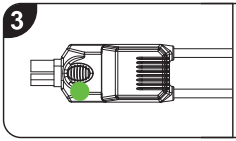
Insert the jumper cable into the EC5 port on the jump starter.

2



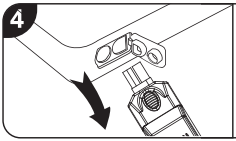
Connect the battery clamps securely and correctly to the vehicle battery terminals.

3



Start the engine within 30 seconds after the indicator light turns green.

4



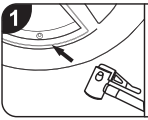
Promptly disconnect the jump cable from the vehicle battery after jump starting.

HOW TO USE THE AIR COMPRESSOR

This jump starter is equipped with a built-in air compressor designed to inflate tires, balls, and other inflatable equipment.

Inflation Instruction

1



Find the corresponding valve accessory, then fasten the air tube tightly onto the bicycle's valve.

(Check that there is no air leakage and straighten the air tube to ensure it is not crooked.)

2



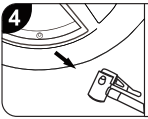
After turning on the device, press the M button to activate the inflation mode. Select the inflation value you need.

3



Press and hold on the power button to START / STOP the inflation process.

4



Remove the nozzle and hose from the inflated object once the desired pressure is reached.

Recommendation: To prevent overheating and extend the lifespan of the air pump, take a 10-minute break after every 10 minutes of continuous use.

Default Inflation Mode

This unit offers 4 inflation modes tailored for car tires, motorcycle tires, bike tires, and balls, each with a preset default pressure level.

Inflator Mode					
Default Pressure	36PSI	33PSI	30PSI	8PSI	3PSI

Manual Inflation Mode

Adjust the pressure manually using the "+" / "-" buttons. Switch between measurement units by pressing the unit button. Before starting inflation, ensure you confirm the maximum inflation pressure.

Before resetting the air pressure, please select the correct unit, otherwise the tire may overcharge and explode. Please refer to conventional unit conversion: 1bar=14.5psi, 1bar=100kpa, 1bar=1.02kg/cm^2.

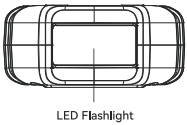
Pressure Reference Table:

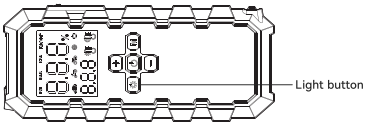
Bike	12,14,16 inch bike tire	30~50PSI
	20,22,24 inch bike tire	40~50PSI
	26,27.5,29 mountain bike tire	45~65PSI
	700C tube road bike tire	120~145PSI
Motorcycle	Motorcycle tire	26~40PSI
Car	Car tire	32~40PSI
Ball	Basketball	7~9PSI
	Football	8~16PSI
	Volleyball	4~5PSI
	Rugby football	12~14PSI
⚠ Caution	the recommended maximum inflation pressure is 50 PSI for car tires, 43.5 PSI for motorcycle tires, and 150 PSI for bicycle tires. Exceeding these limits may cause damage and, in the worst-case scenario, the emission of smoke.	

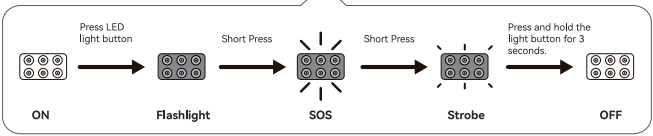
Note: Carefully read and confirm the recommended air pressure from the inflatable equipment's manual before inflating. For items typically inflated by mouth, use manual mode. Turn off the air compressor when the desired firmness is reached, just as you would when inflating by mouth.

HOW TO USE LED LIGHTS

The SB800C jump starter features 3 modes of emergency LED lights: flashlight, SOS, and strobe. Press the light button to turn lights ON and long press to turn OFF, and short press to cycle through the different lighting modes.

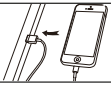






HOW TO CHARGE OTHER DEVICES

Use it as a power bank for your devices. The SB800C jump starter offers two USB output outputting no more than 18W power for charging devices.

 Output 1(2)	Plug the charging cable to either of the USB output port.
	Connect the product to your device.
	Press the power button to start charging your phone, tablet, and more.

TROUBLESHOOTING

LED Display Warning Error Troubleshooting

Error	Indication	Reason / Solution
High Temperature Protection	( ) Warning light will blink.	Protection activates when the product is overheated. / Wait for the product to cool down before continuing operating.
Low Temperature Protection	( ) Warning light will blink.	When the product temperature is too low, the screen will display the low-temperature protection icon and activate low-temperature protection.

Battery Clamps Indicator Troubleshooting

STATUS	TECHNICAL PARAMETER	DESCRIPTION	SOLUTION
Standby indication	Red and green lights flash alternately	Plug the jumper cable into the EC5 port; Red and green lights flash alternately	/
Automatic conduction status indicator (ready to jump start your car)	Green light	Connect the jump starter to the car battery using the jumper cable; the green light turns on.	/
High temperature protection	YES	The red light stays on, and the buzzer keeps beeping rapidly.	Automatically recover when the temperature returns to normal

Battery Clamps Indicator Troubleshooting

STATUS	TECHNICAL PARAMETER	DESCRIPTION	SOLUTION
Reverse connection protection	YES	When triggered, protection is activated: the red light stays on, the buzzer keeps emitting short "beep, beep, beep" sounds continuously, and the protection will be automatically released after the fault is eliminated.	Please exchange the position of jumper clamps's positive and negative side
Start timeout protection	30S±5S	Automatically enter the standby state after more than 30S without starting the engine and The blue light turns on	You can start the engine again after disconnecting the clamps and repeat the jump start operation again
Input low capacity protection	14V±0.5V	When it is detected that the power of the EC5 port is lower than 14V, there is no output at this time, the red light stays on	Please charge jump starter
Short circuit protection	YES	The red light turns on, the buzzer beeps and all outputs are cut off.	Please use the positive & negative poles of jump cables to connect the positive & negative poles of the car's engine to try to start your car







The crossed-out wheelie bin symbol means that the product, literature and packaging included must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste: dispose of them at a recycling point. For info on your nearest recycling point, check with your local waste authority.

Products marked with the RoHS symbol complies with the relevant provisions of the RoHS Directive for the European Union. In common with all Electrical and Electronic Equipment (EEE) the product should not be disposed of as household waste. Alsternative arrangements may apply in other jurisdictions.

The product with the CE mark indicates that it has passed the correspondning conformity assessment procedure and the manufacturer's declaration of conformity, and it complies with the relevant EU directives, and is used as a pass for the product to be allowed to enter the European Community market. Relevant directives require industrial products to be affixed with the CE mark. Those that do not have the CE mark shall not be marketed.

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Auto-Connect