

LOKITHOR JA3000

LOKITHOR JA3000 Jump Starter with Air Compressor User Manual

Model: JA3000 | Brand: LOKITHOR

INTRODUCTION

Thank you for choosing the LOKITHOR JA3000 Jump Starter with Air Compressor. This versatile device combines a powerful jump starter, a high-speed tire inflator, and a portable power bank, making it an essential tool for automotive emergencies and outdoor activities. Designed with LiFePO4 technology, it offers enhanced safety, durability, and a longer lifespan compared to traditional lead-acid or lithium-ion batteries.

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your JA3000. Please read it thoroughly before first use and keep it for future reference.



Image: The LOKITHOR JA3000 unit, showcasing its robust design, integrated air hose, and included jump starter clamps.

WHAT'S IN THE BOX

Upon opening your LOKITHOR JA3000 package, please verify that all the following components are included:

- Portable Lithium Car Battery Jump Starter (JA3000 Unit)
- Jump starter clamps (1 pair)
- Inflatable hose (1 unit)
- Nozzle adapters (3 units)
- USB-C cable (1 unit)

WHAT'S IN THE BOX

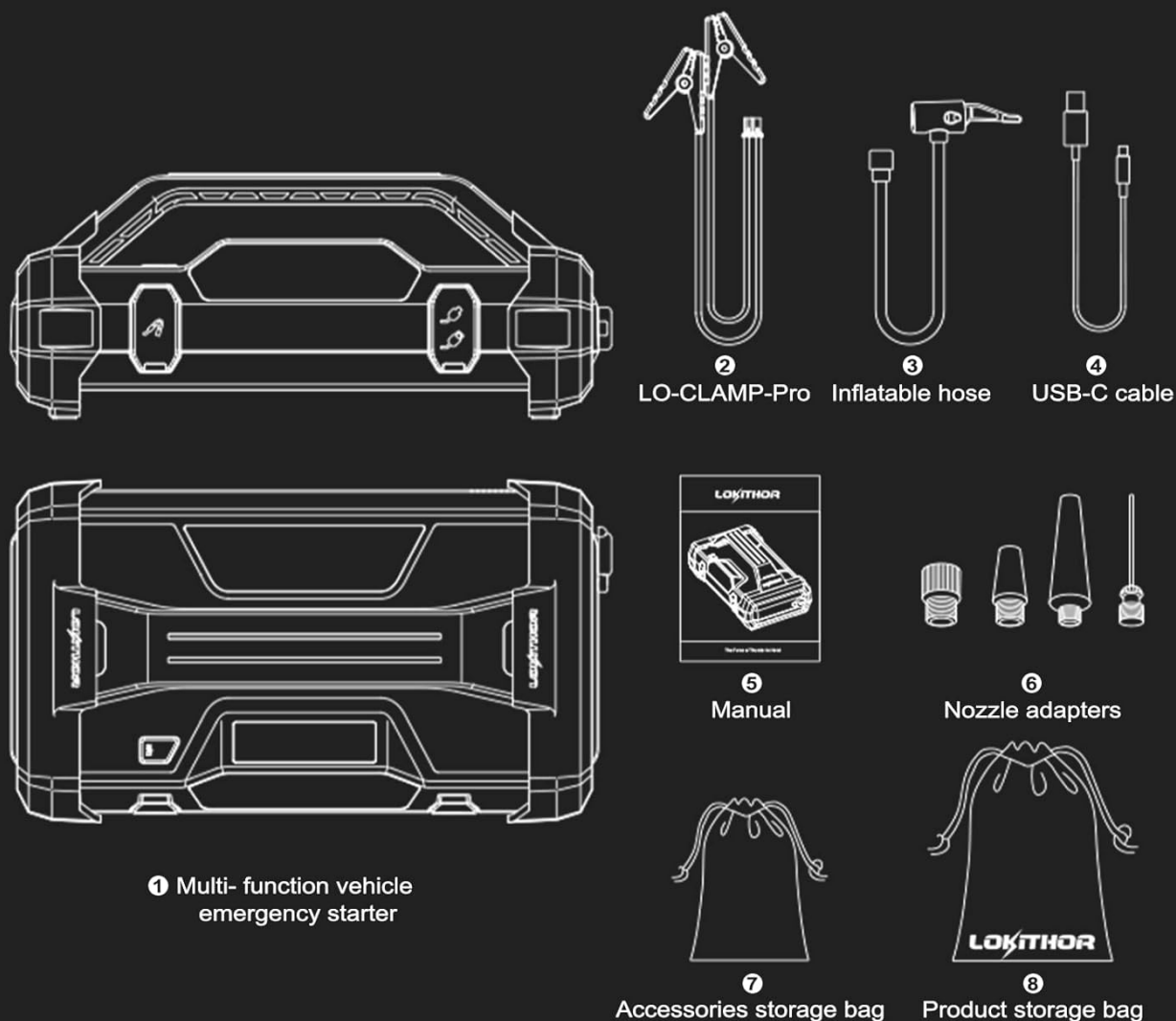


Image: A visual representation of all items included in the LOKITHOR JA3000 product package, including the main unit, clamps, hose, adapters, and USB-C cable.

SAFETY INFORMATION

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

- **Read Instructions:** Fully understand all instructions before operating the device.
- **Ventilation:** Ensure adequate ventilation when operating, especially during inflation, to prevent overheating.

- **Eye Protection:** Always wear safety glasses when working with batteries.
- **Gloves:** Wear insulated gloves to prevent electrical shock.
- **Flammable Materials:** Keep the device away from flammable liquids, gases, or dust.
- **Children and Pets:** Keep out of reach of children and pets.
- **Proper Connection:** Connect the jump starter clamps in the correct polarity (red to positive, black to negative). Reverse polarity can cause damage.
- **Battery Type:** Only use this device for 12V lead-acid batteries. Do not attempt to jump-start other battery types.
- **Over-inflation:** Do not over-inflate tires. Always refer to the vehicle's recommended tire pressure.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Damage:** Do not use the device if it is damaged, dropped, or exposed to water. Contact customer support for assistance.

SETUP

Initial Charging

Before first use, fully charge your LOKITHOR JA3000. The device features PD 60W two-way fast charging via its USB-C port.

1. Locate the USB-C port on the device.
2. Connect the provided USB-C cable to the JA3000's USB-C input port.
3. Connect the other end of the USB-C cable to a compatible 60W USB-C power adapter (not included) or a high-power USB-C charging source.
4. The digital display will indicate the charging status. A full charge typically takes approximately 75 minutes.

It is recommended to keep the device charged above 50% for optimal performance and battery longevity.

PD **60W** TWO-WAY FAST CHARGING


60
minutes
FULLY CHARGED


5
minutes
READY TO USE



Image: The LOKITHOR JA3000 unit with a USB-C cable connected, illustrating the fast charging capability.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

The JA3000 can jump-start 12V vehicles with up to 9.0L gasoline or 7.0L diesel engines.

1. **Prepare the Vehicle:** Turn off the vehicle's ignition and all accessories. Engage the parking brake.
2. **Connect Clamps:** Connect the red (positive, +) clamp to the positive terminal of the vehicle's battery. Connect the black (negative, -) clamp to the negative terminal of the vehicle's battery. Ensure a secure connection.
3. **Power On:** Turn on the LOKITHOR JA3000. The digital display will show the battery voltage.
4. **Start Vehicle:** Attempt to start the vehicle. If it doesn't start immediately, wait 30 seconds before trying again. Do not crank for more than 3 seconds per attempt.
5. **Disconnect Clamps:** Once the vehicle starts, disconnect the black (negative) clamp first, then the red

(positive) clamp.

6. **Recharge:** Recharge the JA3000 as soon as possible after use.



Image: The LOKITHOR JA3000 with its clamps connected to a car battery, ready to jump-start a vehicle.

Using the Air Compressor

The integrated air compressor can inflate tires up to 150 PSI with an airflow of 40L/Min.

1. **Attach Hose:** Screw the inflatable hose onto the air output port of the JA3000.
2. **Connect to Tire:** Attach the other end of the hose to the tire valve stem. Ensure a tight seal.
3. **Power On:** Turn on the JA3000. The digital display will show the current tire pressure.
4. **Set Pressure:** Use the '+' and '-' buttons to set the desired tire pressure. You can switch between BAR and PSI units using the dedicated button.
5. **Start Inflation:** Press the 'PUMP' button to begin inflation. The compressor will automatically stop once the preset pressure is reached.
6. **Disconnect:** Disconnect the hose from the tire valve and then from the JA3000.

CORDLESS HIGH SPEED INFLATOR

RPRESSURE UNIT: BAR/ PSI



150PSI 40 L/ Min



Image: The LOKITHOR JA3000 connected to a car tire, demonstrating its function as a cordless high-speed inflator.

Using as a Power Bank

The JA3000 features a 60W USB-C Power Delivery port and a USB-A port for charging electronic devices.

- **USB-C Output:** Connect your USB-C compatible laptop, smartphone, or other devices to the USB-C port on the JA3000 using a USB-C to USB-C cable. The device will automatically begin charging.
- **USB-A Output:** Connect your USB-A compatible devices (e.g., older smartphones, tablets) to the USB-A port using a standard USB-A cable.

The JA3000's internal battery capacity is sufficient to provide multiple charges for most smartphones and can power laptops.

Using the LED Flashlight

The JA3000 is equipped with a 400-lumen LED flashlight with multiple modes.

- **Turn On/Off:** Press the 'Light' button to turn the flashlight on or off.
- **Change Modes:** Press the 'Light' button repeatedly to cycle through different modes: Solid On, SOS, Blink,

and Strobe.



Image: A close-up of the LOKITHOR JA3000's front, highlighting its powerful 400-lumen LED flashlight.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LOKITHOR JA3000.

- **Recharge After Use:** Always recharge the unit after each jump-start or significant use of the air compressor or power bank functions.
- **Regular Charging:** If not used frequently, charge the JA3000 every 3-6 months to maintain battery health.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight, moisture, and extreme temperatures. The ideal storage temperature is between 0°C and 40°C (32°F and 104°F).
- **Clamp Care:** Keep the jump starter clamps clean and free of corrosion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Charge the unit fully using the USB-C cable.
Vehicle does not jump-start.	Incorrect clamp connection; Vehicle battery too severely discharged; Vehicle issue (not battery related).	Ensure clamps are connected correctly (red to positive, black to negative). Try the 'Force Start' function if available (refer to specific device instructions for this advanced feature). Consult a mechanic if the vehicle still doesn't start.
Air compressor not inflating or stops prematurely.	Hose not securely attached; Desired pressure already reached; Unit overheating; Low battery.	Check hose connection to tire valve and unit. Verify desired pressure setting. Allow unit to cool down if hot. Recharge the unit.
USB charging not working.	Device not powered on; Cable issue; Low battery.	Ensure the JA3000 is powered on. Try a different USB cable. Recharge the unit.

SPECIFICATIONS

Feature	Specification
Brand	LOKITHOR
Model	JA3000
Peak Current	3000 Amps
Engine Compatibility (Gas)	Up to 9.0 Liters
Engine Compatibility (Diesel)	Up to 7.0 Liters
Battery Type	Lithium Iron Phosphate (LiFePO4)
Air Compressor Max Pressure	150 PSI
Airflow Rate	40 L/Min
Charging Input/Output	PD 60W Two-Way USB-C
Additional USB Output	USB-A (18W Max)

Feature	Specification
Flashlight Luminosity	400 Lumens LED
Product Dimensions	5.52"D x 3.75"W x 9.75"H
Item Weight	3.86 pounds (1750 Grams)

WARRANTY AND SUPPORT

The LOKITHOR JA3000 Lithium Iron Phosphate Jump Starter comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For any questions about the product, warranty claims, or technical support, please contact the seller directly or visit the official LOKITHOR store. The LOKITHOR support team is dedicated to providing excellent customer service.

For more information and support, visit the [LOKITHOR Store on Amazon](#).

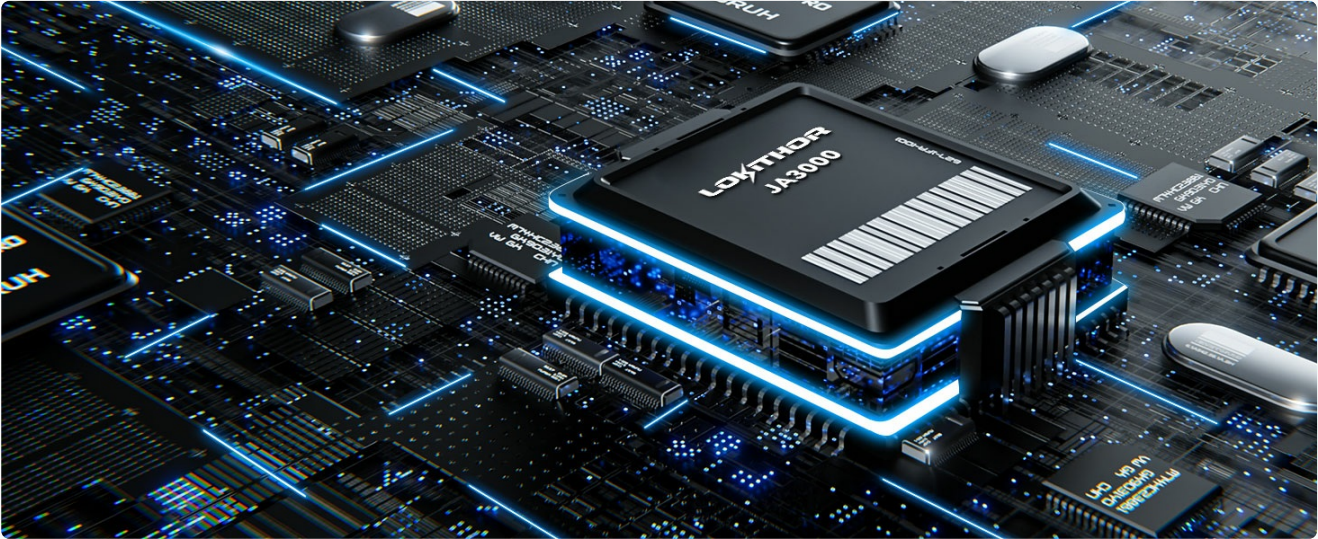
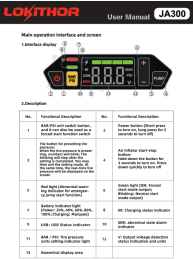
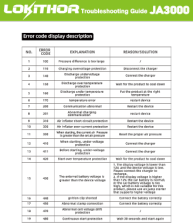
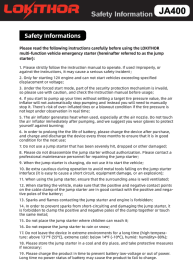
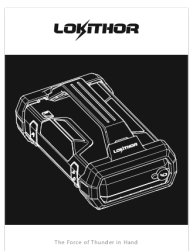


Image: The LOKITHOR JA3000 unit with an overlay indicating a 24-month warranty period.

Related Documents

<div data-bbox="118 91 311 349">  </div>	<div data-bbox="336 168 1096 199"> LOKITHOR JA300 Jump Starter and Air Compressor User Manual </div> <div data-bbox="336 208 1463 318"> <p>Comprehensive user manual for the LOKITHOR JA300, a 1500Amp car battery booster and 150 PSI tire inflator. Learn how to jump-start vehicles, use the air compressor, voltmeter, and LED light functions.</p> </div>
<div data-bbox="118 434 311 656">  </div>	<div data-bbox="336 515 1123 546"> LOKITHOR JA3000 Troubleshooting Guide: Error Code Descriptions </div> <div data-bbox="336 555 1423 624"> <p>A comprehensive troubleshooting guide for the LOKITHOR JA3000 jump starter, detailing error codes, their explanations, and recommended solutions for common issues.</p> </div>
<div data-bbox="118 752 311 1010">  </div>	<div data-bbox="336 831 1010 862"> LOKITHOR JA400 Safety Information and User Guidelines </div> <div data-bbox="336 871 1422 940"> <p>Comprehensive safety information and user guidelines for the LOKITHOR JA400 multi-function vehicle emergency starter, including operating instructions, warnings, and warranty policy.</p> </div>
<div data-bbox="118 1068 311 1317">  </div>	<div data-bbox="336 1106 1208 1137"> LOKITHOR JA301: Portable Jump Starter and Air Compressor User Manual </div> <div data-bbox="336 1146 1477 1296"> <p>This document provides comprehensive instructions for the LOKITHOR JA301 portable jump starter and 150PSI air compressor. It covers safety precautions, product overview, operating procedures for jump-starting, voltmeter function, and air inflation, along with error code explanations, warnings, recycling information, and warranty details.</p> </div>

Error code display description

NO.	ERROR CODE	EXPLANATION	REASON/SOLUTION
1	100	Pressure difference is too large	/
2	110	Charging overvoltage protection	Disconnect the charger
3	140	Discharge undervoltage protection	Connect the charger
4	150	Discharge over-temperature protection	Wait for the product to cool down
5	160	Discharge under-temperature protection	Put the product at the right temperature
6	170	Temperature error	Restart device
7	200	Communication abnormal	Restart the device
8	201	Abnormal charging communication	Restart device
9	310	Air inflator short-circuit protection	Restart the device
10	320	Air inflator over-current protection	Restart the device
11	330	When starting, the sensor or Pressure regulator fault for set air pressure	Reset the proper air pressure
12	410	When starting, under-voltage protection	Connect the charger
13	411	When starting, under-voltage protection	Connect the charger
14	420	Start over-temperature protection	Wait for the product to cool down
15	430	The internal battery voltage is greater than the device voltage	1. The display voltage is lower than 12V and the device voltage is low. Please connect the charger to recharge. 2. The device voltage is higher than 12V. Use the battery's normal, or the set battery voltage is too high, with the manual for the product, please use as jump starter for supports higher voltage.
16	440	Ignition clip shorted	Connect the battery correctly
17	450	Abnormal clamp connection	Connect the battery correctly
18	470	Abnormal set voltage with protection	Connect the battery correctly
19	480	Continuous work protection	Wait 30 seconds and start again

LOKITHOR JA3000 Troubleshooting Guide: Error Code Descriptions

A comprehensive troubleshooting guide for the LOKITHOR JA3000 jump starter, detailing error codes, their explanations, and recommended solutions for common issues.

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Main operation interface and screen

1. Interface display



2. Description

No.	Functional Description	No.	Functional Description
1	BAR/PSI unit switch button, and it can also be used as a forced start function switch	2	Power button (Short press to turn on, long press for 2 seconds to turn off)
3	The button for preventing fire prevention. When the tire pressure is overinflated, pressing will stop. The warning will stop after the setting is completed. No stop then will be warning mode. At the same time, the new tire pressure will be displayed on the screen	4	Air inflator start-stop button: Hold down the button for 3 seconds to turn on. Press down quickly to turn off
5	Red light (Abnormal warning indicator for emergency jump start function)	6	Green light (ON: Forced start mode output; Blinking: Normal start mode output)
7	Battery indicator light (Power: 20%, 40%, 60%, 80%, 100%; Charging: Marquee)	8	IN: Charging status Indicator
9	USB: USB Status Indicator	10	ERR: Abnormal state alarm indicator
11	BAR / PSI: Tire pressure units setting indicator light	12	V: Output voltage detection status indication and units
13	Numerical display area		

[pdf] User Manual

JA3000 User Manual LOKITHOR JA3000 Jump Starter with Air Compressor 3000Amp 12V Lithium Iron Phosphate LiFePO4 Car Battery for Up to 9 0L Gas or 7 Diesel 150 PSI Tire Inflator Digital Screen

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Product Overview

Main interface port:
ECR starting port

LED light

Main operation
interface and screen

LED light switch

USB-C charge port /
USB-A discharge port

Air inflator output port

Parameter Specification

Product Model: JA3000	Starting Voltage: 12V
Main Current: 30000mA	Pressure Range: 10-160 PSI
Flow Rate: 45L/min	Charging Temperature: 32°F to 113°F*
Storage Temperature: -4°F to 122°F*	Operation Temperature: -4°F to 122°F*
Input: USB-C 5V/3A, 5V/2A, 5V/1A, 5V/0.5A, 5V/0.1A, 5V/0.05A (5V/0.01A 5V/0.001A)	Output: USB-A 5V/2A, 5V/1A, 5V/0.5A, 5V/0.1A, 5V/0.05A, 5V/0.01A, 5V/0.001A
Charging Time: <1.5 Hours	Battery life: >1000 cycles (at 50% depth of discharge)

Package List

Original product	LOC-CLAMP-Plus	Inflation hose	Nozzle adapters
Product storage bag	Accessories storage bag	Manual	USB-C cable

[pdf] Specifications

JA3000 Specification Sheet LOKITHOR JA3000 Jump Starter with Air Compressor 3000Amp 12V Lithium Iron Phosphate LiFePO4 Car Battery for Up to 9 0L Gas or 7 Diesel 150 PSI Tire Inflator Digital Screen Automotive 81LYRe9LlvL m media amazon images I |||

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Safety Instructions

Please read the following instructions carefully before using the LOKITHOR multi-function vehicle emergency starter (hereinafter referred to as the jump starter):

- Please strictly follow the instruction manual to operate. If used improperly or against the instructions, it may cause a serious safety incident.
- Only for starting 12V engine and can not start vehicles exceeding specified displacement or voltage.
- Under the forced circumstances, part of the security protection mechanism is invalid, so please use with caution, and check the instruction manual before usage.
- If you want to pump up your tire without setting charges the pressure value, the air inflator will not automatically stop pumping and inflation you will need to manually stop it. There's risk of over-inflated tires or a burst tire condition if the tire pressure is not kept under observation to avoid this.
- The air inflator generates heat when used, especially at the air nozzle, do not touch the air inflator immediately after pumping, and we suggest you wear gloves to prevent yourself against burning.
- In order to prolong the life of battery, please charge the device after purchase, and charge and discharge the device every three months to ensure that it is in good condition for the next use.
- Do not use a jump starter that has been severely hit, dropped or other damaged.
- Please do not disassemble the jump starter without authorization. Please contact a professional maintenance personnel for repairing the jump starter.
- When the jump starter is charging, do not use it to start the vehicle.
- Be extra cautious during operation to avoid metal tools falling on the jump starter interface (It is easy to cause a short circuit, equipment damage, or a fire incident).
- When using the jump starter, ensure that the surrounding area is well ventilated.
- When starting the vehicle, make sure that the positive and negative contact points on the cable clamp of the jump starter are in good contact with the positive and negative poles of the battery.
- Spark and fumes resulting from the jump starter and engine combustion.
- In order to prevent sparks from short-circuiting and damaging the jump starter, it is forbidden to clamp the positive and negative poles of the cable together or touch the same metal.
- Do not place the jump starter where children can reach it.
- Do not expose the jump starter to water or snow.
- Do not leave the device in extreme environments for a long time (high temperature: above 131°F (55°C), extreme cold: below -14°F (-10°C), humid, humidity: 90%).
- Please store the jump starter in a cool and dry place, and take protective measures if necessary.
- Please charge the product in time to prevent battery low voltage or out of power. Long time no power status of battery may cause the product to fail to charge.

Warnings

* Do not disassemble the product as there are no user-serviceable parts. Any maintenance should be operated by professional maintenance specialist staff.

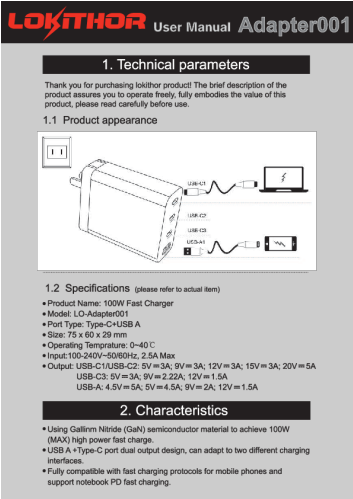
- Quickly starting your vehicle can be possible when the jump-starter battery's capacity is more than 50%, although your vehicle may not be able to start effectively if the jump starter does not have enough sufficient power.
- It is normal for the jump starter to heat up after it is turned on or while the air inflator function is being used.
- In order to maintain optimal the life of battery, charge the jump starter at least once every 3 months.
- If the jump starter start to leak or emit any peculiar smell, stop using it and contact us immediately.

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JA3000 Safety Information LOKITHOR JA3000 Jump Starter with Air Compressor 3000Amp 12V Lithium Iron Phosphate LiFePO4 Car Battery for Up to 9 0L Gas or 7 Diesel 150 PSI Tire Inflator Digital Screen Automotive 71wo9hLfv7L m media amazon images I |||

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[pdf] User Manual Accessories

AD001 User Manual LOKITHOR 100W Multiport USB C Charger 4 Port PD Power Adapter Fast Charging for J401 J401X J402 J1000 J1500 JA400 JA401 AW401 J2250 J3250 JA3000 Jump Starter Cell Phones Accessories C1VZR1OxshL m media amazon images I |||

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