

GOOLOO A5, A3

GOOLOO A5 and A3 Jump Starter with Air Compressor Instruction Manual

Your essential guide to operating and maintaining your multi-functional automotive tool.

1. PRODUCT OVERVIEW

The GOOLOO A5 and A3 Jump Starter with Air Compressor are versatile 4-in-1 devices designed for automotive emergencies and daily convenience. They combine a powerful jump starter, a high-capacity tire inflator, a robust power bank, and a bright LED light into a single, portable unit. These devices are engineered for reliability and ease of use in various conditions.

2. SAFETY INFORMATION

Your GOOLOO Jump Starter is equipped with 10 smart safety protections to ensure safe operation. Always read and understand all safety instructions before use.

- **Over-Charge Protection:** Prevents battery damage from excessive charging.
- **Over-Current Protection:** Safeguards against excessive current flow.
- **Short-Circuit Protection:** Automatically shuts off in case of a short circuit.
- **Reverse Polarity Protection:** Alerts and prevents damage from incorrect clamp connection.
- **AI Software Protection:** Intelligent software monitors and manages device performance.
- **High and Low Temperature Protection:** Operates safely within a wide temperature range (-4°F to 140°F).
- **Spark-Proof Protection:** Designed to prevent sparks during connection.
- **Over-Voltage Protection:** Protects against voltage surges.
- **Overload Protection:** Prevents damage from excessive load.
- **Reverse Charge Protection:** Prevents current from flowing back into the jump starter.

General Safety Precautions:

- Do not immerse the device in water.
- Do not disassemble the device.
- Keep out of reach of children.
- Use only specified accessories and chargers.

3. PACKAGE CONTENTS

Ensure all items are present upon unboxing:

- GOOLOO A5/A3 Jump Starter Unit
- Smart Jumper Cables
- Air Hose
- Various Nozzle Adapters (for balls, bicycles, etc.)
- USB-C Charging Cable
- Carrying Case
- User Manual

4. PRODUCT FEATURES

4.1. Jump Starter Function

The GOOLOO A5 delivers up to 4000A peak current, capable of restarting most 12V vehicles (up to all gas / 10.0L diesel engines). The A3 model provides 3000A peak current for up to all gas / 9.0L diesel engines. Both models feature a BOOST function for deeply discharged or near-dead batteries. Operating temperature range is -4°F to 140°F.

Jump Start **Dead Vehicles**

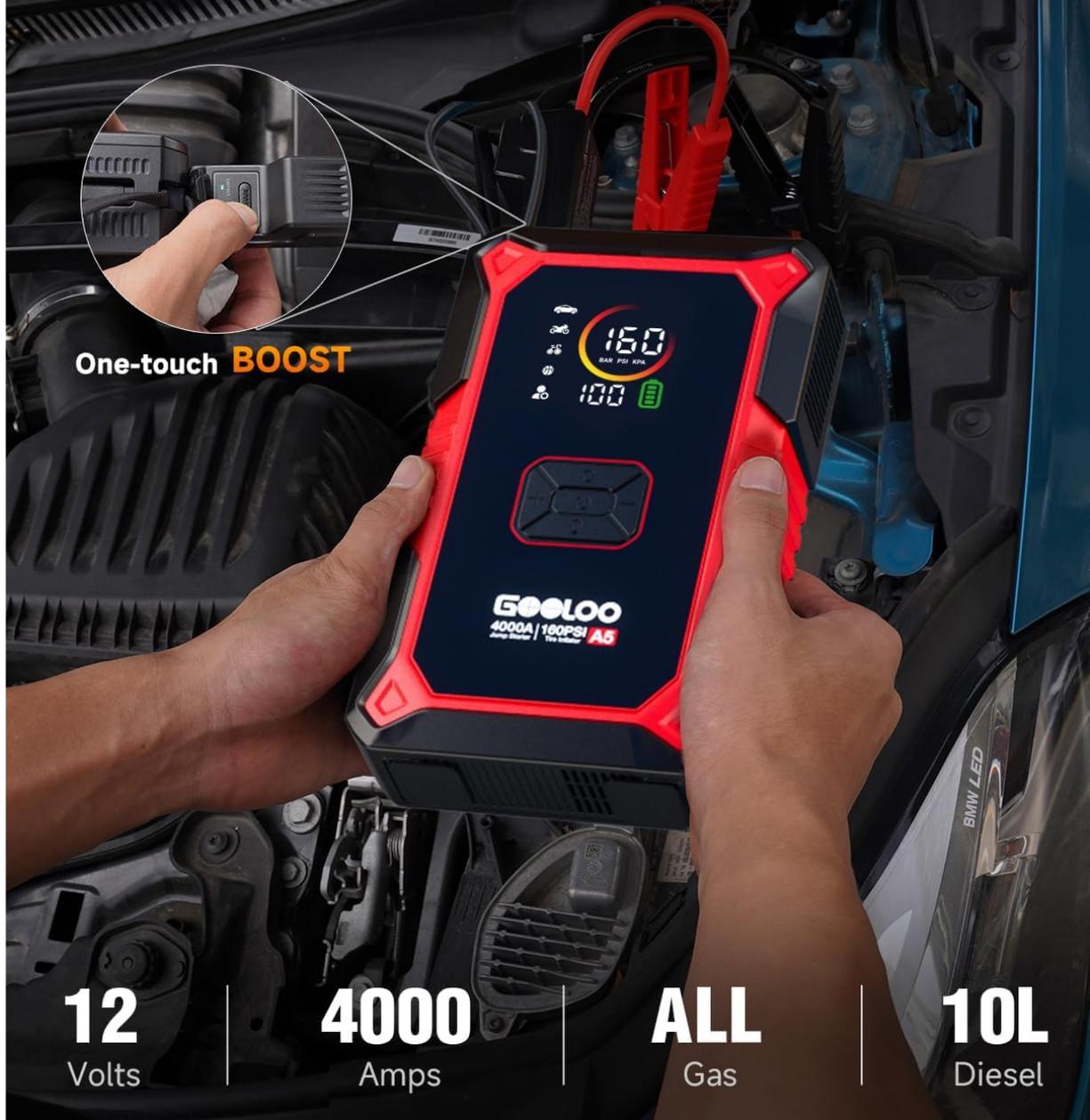


Image: The GOOLOO A5 Jump Starter connected to a car battery, demonstrating the jump-starting capability. The unit displays battery status and current readings.

4.2. Tire Inflator Function

Equipped with a high-efficiency motor, the A5 can inflate tires up to 160 PSI, featuring a 25mm cylinder for faster inflation. The A3 inflates up to 150 PSI. It can inflate a 285/70 R17 pickup tire from 30 PSI to 36 PSI in approximately 2 minutes (A5), or a 195/65 R15 sedan tire from 30 PSI to 36 PSI in 30 seconds (A5). Suitable for full-size pickups, light trucks, SUVs, cars, motorcycles, and bicycles, as well as balls and small inflatables.

160PSI Tire Inflator Designed for RV/ Pickup



Image: The GOOLOO A5 Jump Starter connected to a large vehicle tire, actively inflating it. The display shows the PSI reading and battery level.

4.3. Power Bank Function

The unit features a 20,000mAh rated capacity. The A5 includes a built-in 45W USB-C output cable for charging devices like phones and tablets. One full charge supports up to 50 engine starts, 50 minutes of continuous inflation, or multiple device top-ups.

Built-In **45W** USB-C Cable

Jump Starter charges Iphone17 0%-80% in 60 minutes



Image: The GOOLOO A5 Jump Starter charging a smartphone using its integrated 45W USB-C cable. The device's display is visible.

4.4. LED Light Function

A 400-lumen LED flashlight provides illumination with multiple modes: steady lighting, strobe, and SOS. The light can operate for up to 99 hours depending on the mode.

400-Lumen LED Flashlight



Lighting



SOS



Strobe



Image: The GOOLOO A5 Jump Starter's 400-lumen LED flashlight is shown illuminating a tire in a dark setting, highlighting its utility as a work light or emergency signal.

4.5. Sunlight-Readable Display

The device features a color LED display with a rotating status ring, offering 2000-nit brightness for clear readability even in direct sunlight. It tracks inflation in real-time.

Long-Lasting Battery

Real **20000** mAh



Start times
50 Times



Car Tires
25 Times



Charge iPhone 17
5 Times



Continuous Light
99 Hrs

Image: The GOOLOO A5 Jump Starter's display showing a 20,000mAh battery capacity and various usage statistics like engine starts, tire charges, phone charges, and lighting hours.

5. SETUP

5.1. Charging the Device

Before first use, fully charge your GOOLOO Jump Starter. Connect the provided USB-C charging cable to the device's input port and to a suitable USB power adapter (not included). The display will indicate charging progress. A full charge supports numerous operations.

6. OPERATING INSTRUCTIONS

6.1. Jump Starting a Vehicle

1. Ensure the jump starter unit is sufficiently charged.
2. Plug the smart jumper cables into the jump starter's dedicated port.
3. Connect the red (+) clamp to the vehicle's positive battery terminal.
4. Connect the black (-) clamp to the vehicle's negative battery terminal.
5. Check the indicator lights on the smart jumper cables for a correct connection (usually a solid green light). If the battery is extremely low, press the 'BOOST' button on the jumper cable adapter for an extra surge.
6. Start the vehicle's engine.
7. Once the vehicle starts, immediately remove the jumper cables from the vehicle battery, then disconnect them from the jump starter unit.



Image: The GOOLOO A3 Jump Starter connected to a car battery in an engine bay, illustrating the proper setup for jump-starting a vehicle.

6.2. Inflating Tires

1. Connect the air hose to the jump starter's air output port.

2. Attach the air hose nozzle securely to the tire's valve stem.
3. Turn on the jump starter unit. The display will show the current tire pressure.
4. Use the mode button to select the desired pressure unit (PSI, BAR, KPA).
5. Use the '+' and '-' buttons to set your target tire pressure.
6. Press the start button to begin inflation. The unit will automatically stop once the target pressure is reached.
7. Disconnect the air hose from the tire valve and the jump starter.

150PSI SUPER FAST TIRE INFLATOR

17000 RPM

35L/min
Air flow volume

150 PSI
maximum pressure

≤ 1 Min
FROM 25PSI TO 36PSI

Maximum pressure of 150 PSI
with an air flow of 35L/Min

GOOLOO
3000A | 150PSI A3
Jump Starter | Tire Inflator

Image: The GOOLOO A3 Jump Starter actively inflating a tire, with the digital display showing the current pressure.

6.3. Using as a Power Bank

1. Connect your electronic device (smartphone, tablet, etc.) to the USB-A or USB-C output ports on the jump starter using an appropriate charging cable.
2. The device will begin charging automatically.

6.4. Using the LED Light

1. Press and hold the light button (usually integrated with the power button) for 2-3 seconds to turn on the steady LED light.
2. Press the light button again to cycle through strobe mode.
3. Press the light button a third time for SOS mode.
4. Press the light button a fourth time to turn off the light.



Image: The GOOLOO A3 Jump Starter's LED flashlight is shown illuminating a dark outdoor area, demonstrating its utility for visibility and emergencies.

7. MAINTENANCE

- Keep the device clean and free from dust and debris.
- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

- Recharge the jump starter every 3-6 months, even if not in use, to maintain battery health.

8. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is charged. If fully charged, contact support.
- **Vehicle not starting:** Check that jumper cables are correctly connected (red to +, black to -). Ensure the jump starter is fully charged. If the battery is deeply discharged, use the BOOST function.
- **Tire not inflating:** Check that the air hose is securely connected to both the unit and the tire valve. Ensure the target pressure is set correctly.
- **Overheat protection activated:** If the device becomes too hot during prolonged use (e.g., multiple jump starts or extended inflation), it may enter overheat protection mode. Allow the unit to cool down before resuming operation.

9. SPECIFICATIONS

Brand	GOOLOO
Model	A5, A3
Battery Capacity	20000 Milliamp Hours (44.4 Wh)
Starting Current (A3)	400A
Peak Current (A3)	3000A
Peak Current (A5)	4000A
Max Tire Pressure	160 PSI (A5), 150 PSI (A3)
Product Dimensions	8.98"D x 5.55"W x 2.4"H
Vehicle Service Type	Automotive

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product's packaging or visit the official GOOLOO website.