

AUTOONE AUTOONE JWA2

AUTOONE 8000A Jump Starter with Air Compressor User Manual

Model: AUTOONE JWA2

Brand: AUTOONE

INTRODUCTION

The AUTOONE 8000A Jump Starter with Air Compressor is a versatile and powerful device designed for automotive emergencies and maintenance. It combines a robust jump starter capable of reviving 12V vehicles with all gas and 12L diesel engines, a high-performance 150PSI air compressor for tire inflation, a 600 Lumen LED flashlight, and a portable power bank. Its intelligent design and comprehensive safety features ensure reliable and safe operation in various conditions.



Image: The AUTOONE 8000A Jump Starter unit, jumper clamps, air hose, USB-C cable, and storage case.

KEY FEATURES

- **Robust 8000A Jump-Starting Power:** Capable of starting all gas and 12L diesel 12V vehicles with a 24000mAh battery and 8000A peak current.
- **Built-in Force Start Intelligence:** Automatically detects battery voltage and health, activating high-current output for weak or dead batteries without manual intervention.
- **High-Performance 150PSI Air Compressor:** Inflates tires at 45 liters per minute, suitable for cars, motorcycles, and bicycles.
- **600 Lumen LED Flashlight:** Features SOS, strobe, and high-beam modes for emergency illumination.
- **HD LCD Display:** Provides clear visibility of device status, battery level, and real-time pressure readings.
- **Comprehensive Protection:** Includes short-circuit, overcurrent, overvoltage, overcharge, overload, anti-spark, reverse polarity, and reverse charging prevention. IP67 rated for dust and water resistance.
- **Extreme Temperature Operation:** Functions reliably in temperatures from -4°F to 140°F.



Image: The AUTOONE unit demonstrating its dual function as a jump starter connected to a car battery and an air compressor inflating a tire.

All-in-One Smart Display

Real-Time Pressure

Battery Level

Inflation Modes



Image: Close-up of the AUTOONE unit's smart display, showing real-time pressure, battery level, and inflation modes.

WHAT'S IN THE BOX

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

- AUTOONE JWA2 Jump Starter Unit

- Jumper Clamps
- Air Tube
- Presta Valve Adaptor
- Woods Valve Adaptor
- Air Needle Valve Adaptor
- Swim Ring Nozzle
- Type-C Cable
- User Manual
- Storage Case



Image: A visual representation of all items included in the AUTOONE Jump Starter package, neatly arranged.

SETUP AND CHARGING

Initial Charging

Before first use, fully charge the AUTOONE Jump Starter. Connect the provided Type-C cable to the input port on the device and the other end to a compatible 18W (or higher) USB wall charger (not included). The LCD display will indicate the charging status and battery level. A full charge ensures optimal performance and readiness for emergencies.

24000mAh Large-Capacity

IN 18W Fast charger fills the Jump Starter 75% in 2.5 hours

OUT Jump Starter can charge a phone to 70% in 30 minutes



Note: Wall charger not included

Image: The AUTOONE Jump Starter connected to a wall charger for recharging, simultaneously charging a mobile phone.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

1. **Ensure Sufficient Power:** Before jump-starting, ensure the jump starter has at least 50% battery charge.

2. **Connect Jumper Clamps:** Plug the jumper clamps cable into the jump starter's port.
3. **Attach to Battery:** Connect the **RED** (+) clamp to the positive terminal of the vehicle's battery and the **BLACK** (-) clamp to the negative terminal. Ensure a secure connection, clamping horizontally on edges for maximum contact.
4. **Start Vehicle:** Once connected, the jump starter's built-in force start intelligence will automatically detect the battery status and activate. Proceed to start your vehicle's engine. If the vehicle does not start on the first attempt, wait 30 seconds before trying again.
5. **Disconnect Clamps:** After the vehicle starts, immediately disconnect the BLACK (-) clamp first, then the RED (+) clamp from the vehicle battery. Finally, unplug the jumper clamps cable from the jump starter.

Safety Precaution: Do not touch the red and black clamps together. Always ensure proper polarity when connecting to the vehicle battery.



Image: Illustrated steps for jump-starting a dead battery, showing cable connection, clamp attachment, and vehicle ignition.

Using the Air Compressor

1. **Connect Air Hose:** Screw the air hose securely onto the tire valve stem. Ensure the connection is tight to prevent air leakage.
2. **Power On:** Press the power button on the jump starter to turn on the device.
3. **Select Mode and Set Pressure:** Short-press the "M" button to cycle through different inflation modes (car, motorcycle, bicycle, ball). Use the "+" and "-" buttons to set the desired tire pressure. The LCD display will show the current and target pressure.
4. **Start Inflation:** Press the power button again to begin inflation. The compressor will automatically stop once the preset pressure is reached.
5. **Disconnect:** Unscrew the air hose from the tire valve.



Image: A visual guide demonstrating the ease of inflating tires: connecting the hose, setting pressure, and starting inflation.

Inflation Capacity Examples:

- Sedan (245/75 R17): Up to 25 tires on one charge.
- SUV (275/65 R18): Up to 18 tires on one charge.
- Pickup (315/70 R17): Up to 6 tires on one charge.

Max Air Boost

One Charge, **25 Tires Ready!**



Image: Illustration of the AUTOONE Jump Starter's capacity to inflate multiple tires for sedans, SUVs, and pickups on a single charge.

Using the LED Flashlight

The built-in 600 Lumen LED flashlight provides illumination for various situations. Press the flashlight button to cycle through modes:

- **High Beam:** For general illumination.
- **Strobe:** For signaling or attracting attention.

- **SOS:** For emergency signaling.

600 Lumen LED Light



FLASH LIGHT



STROBE



SOS



Image: The AUTOONE Jump Starter's LED flashlight in use, demonstrating its various modes (Flashlight, Strobe, SOS).

Using as a Power Bank

The AUTOONE Jump Starter can also serve as a portable power bank to charge your electronic devices. Connect your device's USB cable to the output port(s) on the jump starter. It supports 18W MAX input and 18W MAX output for fast charging.

Fast-Charging Power Bank

IN 18W MAX Input

OUT 18W MAX Output



Image: The AUTOONE Jump Starter functioning as a power bank, simultaneously charging a smartphone and a tablet.

MAINTENANCE AND STORAGE

- **Regular Charging:** To maintain battery health, charge the jump starter at least once every three months, even if not in use.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the jump starter in its provided storage case in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the clamps are clean and free of debris before storage.
- **Temperature Range:** Avoid prolonged exposure to temperatures outside the operating range of -4°F to 140°F (-20°C to 60°C).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Battery is completely discharged.	Charge the device fully using the provided Type-C cable.
Vehicle does not jump start.	Insufficient charge in jump starter; incorrect clamp connection; vehicle battery severely damaged.	Ensure jump starter is at least 50% charged. Verify clamps are securely connected to the correct battery terminals. If battery is severely damaged, professional assistance may be required.
Air compressor does not inflate.	Air hose not securely connected; incorrect pressure setting; device not powered on.	Tighten the air hose connection. Check the pressure setting on the LCD. Ensure the device is powered on and in the correct inflation mode.
LCD display is dim or unreadable.	Low battery; extreme temperature.	Charge the device. Move the device to a moderate temperature environment.

SPECIFICATIONS

Feature	Detail
Model	AUTOONE JWA2
Peak Current	8000 Amps
Battery Capacity	24000mAh
Vehicle Compatibility	12V vehicles (All Gas, 12L Diesel)
Air Compressor Pressure	150 PSI (Max)
Air Flow Rate	45 Liters/Minute
LED Flashlight Brightness	600 Lumens
Input/Output	18W MAX (Type-C)


Feature	Detail
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Water/Dust Resistance	IP67
Item Weight	3.5 pounds
Dimensions	9.76 x 5.43 x 4.76 inches (Package Dimensions)

WARRANTY AND SUPPORT

AUTOONE products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty details, technical support, or customer service inquiries, please refer to the contact information provided in the physical user manual included with your product or visit the official AUTOONE website.

You can also visit the AUTOONE Store on Amazon for more information: [AUTOONE Amazon Store](#)

Related Documents

	<p>AUTOONE JS02 Jump Starter Quick Guide: Operation, Safety & Troubleshooting</p> <p>A concise and SEO-optimized guide to the AUTOONE JS02 Jump Starter. This document provides essential information on product features, operation instructions, packing list, technical specifications, and troubleshooting tips for safe and effective use.</p>
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