

Sun Joe 24V-AJC-LTE

Sun Joe Auto Joe 24V-AJC-LTE 24-Volt IONMAX Cordless Portable Air Compressor

INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the Sun Joe Auto Joe 24V-AJC-LTE 24-Volt IONMAX Cordless Portable Air Compressor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air compressor. Please read it thoroughly before use and keep it for future reference.

This portable air compressor features exclusive IONMAX technology for no-fade power and maximum performance, a 15-inch hose, and a digital LED control for precise pressure settings. It is lightweight and designed for convenient use with home, auto, sports equipment, air mattresses, and for camping needs.

2. Safety Information

Always prioritize safety when operating any power tool. Failure to follow these instructions may result in serious injury or property damage.

- Read all instructions before using the appliance.
- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Always wear eye protection.
- Do not overinflate. Follow recommended pressure levels for all items.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. Product Overview

The Sun Joe Auto Joe 24V-AJC-LTE is a compact and powerful cordless air compressor. Familiarize yourself with its components:

- Main Air Compressor Unit
- 24-Volt IONMAX 2.0-Ah Lithium-Ion Battery
- Battery Charger
- 15-inch Air Hose with Quick-Connect Chuck
- Tapered Adapter
- Sport Ball Needle
- Presta Valve Adapter
- Storage Bag



Figure 3.1: Sun Joe Auto Joe 24V-AJC-LTE Cordless Portable Air Compressor Kit with accessories.



Figure 3.2: Dimensions of the Sun Joe Auto Joe 24V-AJC-LTE, showing its compact size.

4. Setup

1. **Charge the Battery:** Before first use, fully charge the 24-Volt IONMAX battery. Connect the charger to a standard electrical outlet and then connect it to the battery. The indicator lights on the battery will show the charging progress.
2. **Attach the Battery:** Slide the fully charged battery into the base of the air compressor until it clicks securely into place. Ensure it is firmly seated to prevent accidental detachment during operation.
3. **Connect the Air Hose:** The 15-inch air hose is pre-attached to the compressor. Ensure the quick-connect chuck is securely fastened.
4. **Select Adapter (if needed):** Choose the appropriate nozzle adapter (tapered adapter, sport ball needle, or Presta valve adapter) for the item you intend to inflate. Attach it firmly to the quick-connect chuck.



Figure 4.1: The 24V IONMAX battery attached to the air compressor, ready for use.

5. Operating Instructions

1. **Power On:** Press the power button on the back of the unit to turn on the digital LED display.
2. **Set Desired Pressure:** Use the '+' and '-' buttons on the digital display to set your desired pressure in PSI, BAR, or HPA. The compressor has a working air pressure of 40 PSI and a maximum air pressure of 120 PSI.
3. **Attach to Item:** Securely attach the quick-connect chuck (with the appropriate adapter, if necessary) to the valve stem of the item you wish to inflate.
4. **Start Inflation:** Pull the trigger to begin inflation. The digital display will show the current pressure as it

inflates.

5. **Automatic Shut-off:** The air compressor will automatically stop once the preset pressure is reached, preventing overinflation.
6. **LED Light:** The integrated LED light can be activated to illuminate your work area, especially useful in low-light conditions or during roadside emergencies.

Video 5.1: Official Sun Joe demonstration of the 24V-AJC-LTE Cordless Portable Air Compressor in use, highlighting its features and ease of operation.

WHEN THE AIR IS LOW – PUMP IT UP – AND GO WITH JOE®!



Versatile Inflator

Tool Kit includes Tapered adapter, Sport ball needle, Presta Valve adapter, and Carrying case

Figure 5.1: The versatile inflator in action, demonstrating its use for various items including tires and sports equipment.

6. Maintenance

- **Cleaning:** After each use, wipe down the compressor unit and hose with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is partially charged (around 50%).
- **Hose and Adapters:** Inspect the air hose and adapters regularly for any signs of wear, cracks, or damage. Replace them if necessary to ensure optimal performance and safety.

- **Storage:** Store the air compressor and its accessories in the provided storage bag in a dry, secure location, out of reach of children.

7. Troubleshooting

Problem	Possible Cause	Solution
Compressor does not turn on.	Battery is not charged or not properly attached.	Ensure battery is fully charged and securely clicked into place.
Compressor runs but does not inflate.	Hose or adapter not properly connected; valve stem issue.	Check all connections. Ensure adapter is correct for the item. Inspect valve stem for damage.
Inaccurate pressure reading.	Loose connection; sensor issue.	Ensure hose connection is tight. If problem persists, contact customer support.
Compressor stops prematurely.	Preset pressure reached; overheating.	Check preset pressure. Allow unit to cool down if used for extended periods.

8. Specifications

- **Model:** 24V-AJC-LTE
- **Voltage:** 24 Volts
- **Battery Type:** 2.0-Ah Lithium-Ion
- **Working Air Pressure:** 40 PSI
- **Max Air Pressure:** 120 PSI
- **Hose Length:** 15 Inches
- **Item Weight:** 2.11 Pounds
- **Included Components:** Air Compressor, 2.0-Ah Battery, Charger, Tapered Adapter, Sport Ball Needle, Presta Valve Adapter, Storage Bag

9. Warranty and Support

The Sun Joe Auto Joe 24V-AJC-LTE Cordless Portable Air Compressor is backed by a full **2-Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, replacement parts, or any questions regarding your product, please visit the official Sun Joe store or contact their customer service directly.

[Visit the Sun Joe Store for Support](#)