

## Snow Joe iON100V-24SB

# Snow Joe iON100V-24SB 100-Volt iONPRO 24-Inch Cordless Dual-Stage Snow Blower Instruction Manual

Model: iON100V-24SB

## INTRODUCTION

---

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Snow Joe iON100V-24SB 100-Volt iONPRO 24-Inch Cordless Dual-Stage Snow Blower. Please read all instructions carefully before use and retain this manual for future reference.

## IMPORTANT SAFETY INFORMATION

---

Always prioritize safety when operating the snow blower. Failure to follow safety guidelines can result in serious injury or damage to the product.

- Always unplug the snow blower before performing any maintenance or cleaning.
- Keep hands and other body parts away from rotating parts.
- Wear appropriate protective clothing, including gloves and eye protection.
- Store the snow blower in a dry, well-ventilated area away from heat sources and flammable materials.

## SETUP

---

Your Snow Joe iON100V-24SB snow blower comes mostly pre-assembled. Follow these steps to complete the setup:

### 1. Handle Assembly

Attach the upper handle to the lower handle frame using the provided hardware. Ensure all bolts and knobs are securely tightened.

### 2. Battery Installation

The unit is powered by two 100-Volt 5.0 Ah lithium-ion batteries. Fully charge the batteries using the provided charger before first use. Insert the charged batteries into the designated battery compartments on the snow blower.



Image: The battery compartment of the Snow Joe iON100V-24SB, showing two 100-Volt batteries securely inserted. The compartment is located on the top-rear section of the snow blower.

## OPERATING INSTRUCTIONS

---

### 1. Starting the Snow Blower

1. Ensure batteries are fully charged and properly installed.
2. Press the power ON/OFF button on the control panel.
3. Engage the auger by pulling the auger lever towards the handle.

### 2. Chute Control

Use the 180° auto-rotate chute control on the panel to direct snow up to 52-feet away in any desired direction. Adjust the chute angle as needed to control the throwing distance.



Image: A close-up view of the Snow Joe iON100V-24SB's control panel, highlighting the levers for chute rotation and the button for the LED headlight.

### 3. Drive Speed and Reverse

The 500-watt brushless drive motor propels the unit forward. Use the variable speed control to set the desired pace. A reverse drive function is also available for easy maneuverability.

### 4. LED Headlights

Activate the six 3-watt LED headlights for increased visibility during nighttime snow removal. The headlight control is located on the main control panel.



Image: The front of the Snow Joe iON100V-24SB, displaying the 2-blade serrated steel auger and the integrated LED headlights.

## 5. Snow Clearing

The 2-blade serrated steel auger clears a path 24 inches wide and 17.5 inches deep. For optimal performance, push the snow blower at a steady pace, allowing the auger to efficiently clear the snow. The scraper bar at the base helps clear snow down to the ground.





Image: A person operating the Snow Joe iON100V-24SB snow blower, clearing snow from a paved driveway. Snow is being discharged to the side.

Video: A demonstration of the Snow Joe iON100V-24SB in action, showing its snow-clearing capabilities on a snowy surface.

## MAINTENANCE

---

### 1. General Cleaning

After each use, remove any snow, ice, or debris from the snow blower. Use a dry cloth to wipe down surfaces. Do not use harsh chemicals that could damage plastic components.

### 2. Auger Inspection

Regularly inspect the 2-blade serrated steel auger for any damage or wear. Replace worn or damaged parts promptly to maintain optimal performance.

### 3. Battery Care

Store batteries in a cool, dry place. Avoid extreme temperatures. For long-term storage, ensure batteries are partially charged (around 50%) and recharge them every few months to prolong their lifespan.

## TROUBLESHOOTING

---

If your snow blower is not operating as expected, check the following common issues:

- **Unit not starting:** Ensure batteries are fully charged and correctly inserted. Check that the power ON/OFF button is pressed and the auger lever is engaged.
- **Reduced snow throwing distance:** Clear any blockages from the chute or auger. Ensure the chute is properly adjusted for optimal throwing.
- **Excessive vibration or noise:** Inspect the auger for any foreign objects or damage. Ensure all fasteners are tight.

For persistent issues, refer to the detailed troubleshooting section in the full owner's manual or contact customer support.

## SPECIFICATIONS

Specification	Value
Brand	Snow Joe
Model Number	iON100V-24SB
Power Source	Battery Powered (100-Volt 5.0 Ah Lithium-Ion)
Clearing Width	24 Inches
Ideal Snow Depth	17.5 Inches
Item Weight	196 Pounds
Product Dimensions	42 x 24 x 40 inches
Engine Type	Electric (4000 W brushless plowing motor, 500 W brushless drive motor)
UPC	842470123045

## WARRANTY & SUPPORT

Your Snow Joe iON100V-24SB snow blower is backed by Snow Joe's complete two-year warranty from the date of purchase. For further assistance, contact Snow Joe + Sun Joe Customer Support at 1-866-766-9563.