

## Snow Joe ION18SB-PRO

# Snow Joe ION18SB-PRO 18" 5 Ah Cordless Single Stage Brushless Snow Blower Instruction Manual

Model: ION18SB-PRO | Brand: Snow Joe

## 1. SAFETY INSTRUCTIONS

Read and understand all safety warnings and instructions before operating the Snow Joe ION18SB-PRO snow blower. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate protective gear, including gloves and eye protection, when operating the snow blower.
- Be cautious of rotating parts and keep hands and feet away from them.
- Never operate the snow blower at night without the LED headlight on.
- Always store the snow blower in a dry place and keep it out of reach of children and pets.
- Never leave the snow blower unattended while it's running.

## 2. PRODUCT OVERVIEW

The Snow Joe ION18SB-PRO is a cordless, battery-powered single-stage brushless snow blower designed for efficient snow removal from driveways, sidewalks, and decks. It eliminates the need for gas, oil, tune-ups, pull-cords, or extension cords, offering a quiet and emission-free operation.



Figure 2.1: Front view of the Snow Joe ION18SB-PRO snow blower.

## Key Features

- **IONMAX Battery System:** Features a 40 V iONMAX 5.0 Ah rechargeable Lithium-Ion Battery, providing up to 65 minutes of quiet runtime and compatibility with all iON tools.
- **Auto-Rotate Chute:** A 180° auto-rotate chute allows snow to be thrown up to 20 feet (6 meters) in a controlled direction.
- **Brushless Motor:** Innovative brushless technology optimizes performance, increases battery efficiency, and extends motor life.
- **LED Headlight:** An integrated 3-watt LED headlight enhances visibility for safe nighttime clearing.
- **Efficient Clearing Path:** Cuts a path up to 18 inches (45.7 cm) wide and 8 inches (20.3 cm) deep in a single pass.
- **Lightweight Design:** Weighs approximately 32 lbs, making it easy to maneuver and transport.

### 3. SETUP

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Before first use, ensure your snow blower is properly assembled and the battery is charged.

#### 3.1 Battery Installation and Charging

The ION18SB-PRO is powered by a 40-volt lithium-ion battery. Always ensure the battery is fully charged before operation.

1. To charge the battery, insert it into the compatible charger. The charger's indicator lights will show the charging status.
2. Once fully charged, slide the battery into the battery compartment on the snow blower until it clicks securely into place.





Figure 3.1: The 40V 5.0 Ah Lithium-Ion battery and charger.

## 3.2 Handle Assembly

The snow blower features an adjustable handle for user comfort. Refer to the included assembly guide for detailed steps on securing the handle and control panel.





Figure 3.2: Snow blower with handle in operating position.

## 4. OPERATING INSTRUCTIONS

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Follow these steps for safe and effective snow removal.

### 4.1 Starting the Snow Blower

1. Ensure the battery is fully inserted and secured.
2. Press the safety button and then squeeze the lever on the handle to start the snow blower.



Figure 4.1: Control panel with power button and safety lever.

## 4.2 Clearing Snow and Chute Control

The ION18SB-PRO is capable of clearing a path 18 inches wide and 8 inches deep, moving up to 495 lbs of snow per minute. The 180° auto-rotate chute allows you to direct snow up to 20 feet away.

1. Push the snow blower at a consistent pace, allowing the auger to efficiently clear the snow.

2. Use the joystick control on the handle to adjust the direction of the snow discharge chute as needed.

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Video 4.2: Demonstration of the Snow Joe ION18SB-PRO clearing snow and adjusting the chute direction. This video illustrates the snow blower's performance and ease of chute control.

### 4.3 Nighttime Operation

For snow removal in low-light conditions or at night, activate the integrated LED headlight.



Figure 4.3: The integrated LED headlight for improved visibility.

## 5. MAINTENANCE

Proper maintenance will extend the life of your Snow Joe ION18SB-PRO snow blower.

### 5.1 Battery Care

- Always store the battery in a dry place at room temperature.
- Charge the battery fully before long-term storage and periodically during storage to maintain its health.

### 5.2 Auger and Scraper Bar Inspection

Regularly inspect the steel auger and heavy-duty rubber blades for any signs of wear or damage. The scraper bar at the base is designed to clear snow close to the ground without damaging surfaces.







Figure 5.1: View of the auger and scraper bar.

### 5.3 Storage

The compact and lightweight design of the snow blower allows for easy storage. It can be folded and hung neatly from a garage hook to save space.



Figure 5.2: The snow blower can be easily stored by hanging.

## 6. TROUBLESHOOTING

This section addresses common issues and their potential solutions.

### 6.1 Snow Blower Not Starting

- Ensure the 40V iONMAX battery is fully charged and correctly inserted into the battery compartment.
- Verify that the safety button is pressed before squeezing the operating lever.

### 6.2 Reduced Snow Throwing Distance

- Wet, heavy snow can reduce the throwing distance. Try clearing smaller sections at a slower, more consistent pace.
- Check the discharge chute for any blockages or ice buildup. Clear any obstructions carefully with a non-metallic tool.

### 6.3 Chute Not Rotating

- If wet snow freezes in the chute base, it can prevent rotation. Thaw the area carefully before attempting to rotate the chute.
- Ensure the joystick control for chute rotation is not obstructed and is functioning properly.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Snow Joe
Model Number	ION18SB-PRO
Power Source	Battery Powered (40V Lithium-Ion)
Voltage	40 Volts
Battery Capacity	5.0 Ah
Clearing Width	18 Inches
Product Dimensions	50 x 20.5 x 28 inches
Item Weight	40 Pounds
Engine Type	Electric, Brushless
UPC	810829022707

## 8. WARRANTY AND SUPPORT

Your new Snow Joe ION18SB-PRO snow blower is backed by the Snow Joe + Sun Joe customer promise. New, powered products are warranted for two years from the date of purchase.

For further assistance, please contact Snow Joe + Sun Joe customer support at **1-866-766-9563**.

