

Sun Joe 24V-PSC-CT

Sun Joe 24-Volt iON+ Cordless Outdoor Patio Cleaner Instruction Manual

Model: 24V-PSC-CT

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1. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the Sun Joe 24-Volt iON+ Cordless Outdoor Patio Cleaner. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- 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.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

2. PRODUCT COMPONENTS

Familiarize yourself with the parts of your Sun Joe 24-Volt iON+ Cordless Outdoor Patio Cleaner.



Figure 2.1: Overall view of the Sun Joe 24-Volt iON+ Cordless Outdoor Patio Cleaner, showcasing its green and black design with the main brush head and handle.



Figure 2.2: The patio cleaner highlighting its 24V Cordless iON+ system, indicating that the battery and charger are sold separately.



Figure 2.3: A close-up view of the cleaner's front, showing the dual spray nozzles emitting water onto a paved surface, demonstrating the rinsing function.



Figure 2.4: Side view of the patio cleaner in use, showing the rotary brush effectively cleaning a path and the water spray assisting in the cleaning process.

Key Components:

- **Main Unit:** Houses the motor and brush mechanism.
- **Handle Assembly:** Adjustable for user comfort.
- **Rotary Brushes:** Two 5.5-inch nylon brushes for effective cleaning.
- **Dual Spray Nozzles:** Adjustable for rinsing.
- **Mud Flap:** Rubber cover to prevent splash.
- **Hose Adapter:** For connecting a standard garden hose.
- **Battery Compartment:** For 24-Volt iON+ battery (sold separately).

3. SETUP INSTRUCTIONS

Follow these steps to assemble and prepare your patio cleaner for first use.

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all parts listed in the "Product Components" section are present.

2. **Handle Assembly:**

- Attach the upper handle to the lower handle using the provided fasteners.
- Connect the assembled handle to the main unit, securing it firmly. Ensure the handle is adjusted to a comfortable height for operation.

3. **Battery Installation:**

- Ensure the battery (sold separately) is fully charged before use.
- Insert the 24-Volt iON+ lithium-ion battery into the battery compartment until it clicks into place.

4. **Water Hose Connection:**

- Connect a standard garden hose to the included adapter.
- Attach the adapter with the hose to the water inlet on the patio cleaner. Ensure a secure connection to prevent leaks.

4. OPERATING INSTRUCTIONS

Learn how to effectively use your Sun Joe 24-Volt iON+ Cordless Outdoor Patio Cleaner for optimal results.

1. **Starting the Unit:**

- Ensure the battery is installed and the water hose is connected and turned on.
- Press the power switch to turn on the unit.

2. **Selecting Speed:**

- The cleaner offers two selectable cleaning speeds: High (1000 RPM) and Low (800 RPM).
- Use the speed selector switch to choose the appropriate speed for the cleaning task. High speed is recommended for stubborn dirt and moss, while low speed is suitable for lighter cleaning.

3. **Adjusting Water Flow and Nozzles:**

- The dual spray nozzles and variable water flow can be adjusted.
- Rotate the nozzles to achieve the desired spray angle for rinsing.
- Control the water flow from your garden hose tap to adjust the intensity of the rinse.

4. **Cleaning Technique:**

- Move the cleaner slowly and steadily over the surface to be cleaned.
- Overlap passes slightly to ensure thorough cleaning.
- The rubber mud flap helps contain splash during operation.

5. **Battery Runtime:**

- The 24-Volt iON+ battery provides up to 40 minutes of continuous runtime.
- Monitor the battery indicator (if available on your battery pack) and recharge as needed.

6. **Stopping the Unit:**

- Release the power switch to turn off the unit.

- Turn off the water supply from the garden hose.
- Disconnect the water hose and remove the battery after use.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your patio cleaner.

- **Cleaning the Unit:**
 - After each use, disconnect the battery and water hose.
 - Wipe down the exterior of the unit with a damp cloth.
 - Remove any debris or dirt from the rotary brushes and spray nozzles.
- **Brush Inspection:**
 - Periodically inspect the nylon brushes for wear or damage.
 - Replace brushes if they become excessively worn or ineffective.
- **Storage:**
 - Store the patio cleaner in a clean, dry, and well-ventilated area.
 - Ensure the unit is protected from freezing temperatures if stored in an unheated area.
 - Remove the battery pack before long-term storage.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Brushes are not rotating.	Obstruction in brushes or motor issue.	Check for debris in brushes. If clear, contact customer support.
No water spray or weak spray.	Water supply off, hose kinked, or nozzles clogged.	Ensure water tap is open, hose is not kinked, and nozzles are clear of debris.
Reduced cleaning performance.	Worn brushes or incorrect speed setting.	Inspect brushes for wear and replace if necessary. Adjust to high speed for tougher stains.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	24V-PSC-CT
Power Source	Battery Powered (24-Volt iON+ system)
Motor	500 Watt Eco-friendly Motor
Brushes	Two 5.5-inch Nylon Bristle Brushes

Feature	Detail
Cleaning Width	12 inches
Speeds	High: 1000 RPM, Low: 800 RPM
Water Flow Control	Variable, with adjustable dual nozzles
Weight	15 pounds (approx. 6.8 kg)
Dimensions (L x W x H)	74.42 x 33.02 x 26.67 cm
Hose Length	29.3 inches
Certifications	ETL Certified
UPC	842470124721

8. WARRANTY AND CUSTOMER SUPPORT

Your new tool is backed by the Snow Joe + Sun Joe Customer Promise. We will warrant new products for two years from the date of purchase. No questions asked. Contact Snow Joe + Sun Joe customer support at 1-866-766-9563 for further assistance.

For more information, visit the official [Sun Joe website](#).

