EN

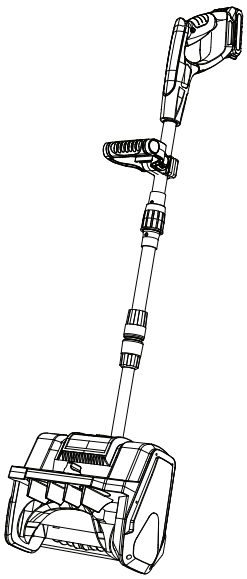
CORDLESS SNOW SHOVEL

20V MAX* | 5.0 Ah | 10-INCH

OPERATOR'S MANUAL

Model X20-SNOW-TV1

Form No. ASP-X20-SNOW-TV1-880E-M



THANK YOU FOR YOUR PURCHASE!

SCAN REGISTER ONLINE TODAY

- ACTIVATE YOUR **1 YEAR WARRANTY**
- RECEIVE **90 DAYS BONUS COVERAGE**
- VISIT **SHOPJOE.COM/REGISTER**

Place UPC sticker here

Failure to register your product purchase will not diminish your warranty rights. For more information visit shopjoe.com

+EXTENDED WARRANTY

UPGRADE YOUR COVERAGE AT SHOPJOE.COM/REGISTER

FOR UP TO 2, 3, OR 4 YEARS OF TOTAL TOOL COVERAGE

When we say we stand behind our product, we mean it! Now you can blow, mow, cut, saw or tend to any other yard task with confidence, knowing that if there is a problem with your tool within the warranty period, we will gladly solve it.

HAS YOUR SNOW JOE EXPERIENCE LEFT YOU SMILING?

TELL YOUR FRIENDS AND TAG US!

We love to hear your feedback! Share your experience by writing comments and reviews on shopjoe.com, or connect with us on social media!

@ SNOWJOECO

#GOWITHJOE

OR HAS SOMETHING LEFT YOU LESS THAN SATISFIED?

WE' RE SORRY ABOUT THAT!

Our friendly customer service team is ready to help you with any issues you may have.

CALL US
1-866-225-9723

For fastest response
CHAT WITH US
SHOPJOE.COM/CHAT

Original instructions.
© 2026 Manufactured for All Season Power LLC.
Snow Joe®, Sun Joe®, Aqua Joe® and Auto Joe® are registered trademarks used under license from Weather Brands LLC.
New Castle, DE 19720

***DISCLAIMER:** *Initial no-load voltage, when fully charged, peaks at 20V; nominal voltage under typical load is 18V.*

SAVE THESE INSTRUCTIONS

EN

CORDLESS SNOW SHOVEL

20V MAX* | 5.0 Ah | 10-INCH

OPERATOR'S MANUAL

Model X20-SNOW-TV1

Form No. ASP-X20-SNOW-TV1-880E-M

IMPORTANT!

Safety Instructions

All Operators Must Read These Instructions Before Use

Read all instructions before using this cordless snow shovel. Basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

General Safety WARNINGS!

You and any other operator of this snow shovel must read, understand and follow these instructions in their entirety, and should reread them at the start of each snow season. Failure to follow these instructions may result in ELECTRIC SHOCK, FIRE and/or serious PERSONAL INJURY.

Notice the personal safety alert symbol ⚠ used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special ATTENTION, CAUTION and AWARENESS.

1. **Keep work area clean and well lit –** Cluttered, dark areas invite accidents.
2. **Use the right product –** Do not use this machine for any job except that for which it is intended.
3. **Replacement parts –** When servicing this unit, use only identical replacement parts. Replace or repair damaged cord immediately on the charger.
4. **Keep children, bystanders and pets away –** All spectators, including pets, should be kept a safe distance away from the work area.
5. **Dress properly –** Do not wear loose articles of clothing or jewelry. They can become caught in moving parts. Wear rubber boots.
6. **Avoid accidental starting –** Make sure the safety switch and the trigger switch are in the off position before inserting the battery in the unit. Do not carry the cordless snow shovel with the safety switch and the trigger switch engaged.
7. **Moving parts –** Keep hands and feet away from moving parts. Keep guards in place and in proper working order.
8. ⚠**CAUTION!** Exercise caution to avoid slipping or falling. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.
9. **Use safety glasses –** Also use safety footwear, snug-fitting clothing, protective gloves, hearing and head protection.
10. **Stay alert –** Watch what you are doing. Use common sense. Do not operate the cordless snow shovel when you are tired or under the influence of alcohol or drugs.
11. **Do not force the tool –** It will perform better with less likelihood of personal or mechanical injury if it is used at the rate for which it was designed.
12. **Do not overreach –** Keep proper footing and balance at all times.
13. If the cordless snow shovel strikes a foreign object, follow these steps:
    - **Stop the cordless snow shovel. Remove the battery.**
    - **Inspect for damage.**
    - **Repair any damage before restarting and operating the snow shovel.**
14. **Disconnect the tool –** Turn off the power switch and remove the battery when it is not in use, before servicing it, when changing accessories and when performing any other maintenance task.
15. **Store idle tool indoors –** When not in use, the cordless snow shovel should be stored indoors in a dry, locked place out of the reach of children.
16. **Maintain the cordless snow shovel with care –** Follow the applicable maintenance instructions for replacing parts and changing accessories. Lubrication is not required.

⚠**This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.**

Improperly using or maintaining this cordless snow shovel could result in injury or death. To reduce this potential, comply with the following safety instructions.

SAVE THESE INSTRUCTIONS

This cordless snow shovel can amputate hands and feet if used incorrectly. It can also pick up foreign objects, which can become dangerous projectiles when thrown into the air. Failure to observe the following safety instructions could result in serious personal injury.

Training

- Read, understand and follow all instructions on the machine and in the manual before operating this unit. Thoroughly familiarize yourself with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
- Children should never be allowed access to the equipment. Adults should never operate the equipment without carefully reading and understanding these instructions.
- Keep the area of operation clear of all persons, particularly small children and pets.
- Exercise caution to avoid slipping or falling.

Preparation

- Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires and other foreign objects.
- Do not operate the equipment without wearing adequate winter garments. Avoid loose fitting articles of clothing that can become caught in moving parts. Wear footwear that will improve footing on slippery surfaces.
- Never attempt to make any adjustments while the motor is running (except when specifically recommended by the manufacturer).
- Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect your eyes from foreign objects that may be thrown from the machine.

Operation

- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Exercise extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for hidden hazards or traffic.
- After striking a foreign object, stop the motor. Thoroughly inspect the cordless snow shovel for any damage, and repair the damage before restarting and operating the cordless snow shovel.
- If the unit should start to vibrate abnormally, stop the motor and check the unit immediately to ascertain the cause. Vibration is generally a sign of trouble.
- Stop the motor and remove the battery whenever you leave the operating position, when transporting the unit, before unclogging the rotor blade housing and when making any repairs, adjustments or inspections to the unit.
- When cleaning, repairing or inspecting the cordless snow shovel, make sure that all moving parts have come to a complete stop before beginning work.
- Exercise extreme caution when operating on slopes.
- Never operate the cordless snow shovel without proper guards and other safety devices in place and in proper working order.
- Never direct the discharge toward people or areas where property damage can occur. Keep children, pets and other bystanders away from the work area.
- Do not overload the machine capacity by attempting to clear snow at too fast a rate.
- Look behind and use care when backing up with the cordless snow shovel.
- Never operate the cordless snow shovel without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. Walk, never run, with the unit.

Clearing a Clogged Rotor Housing

Hand contact with the rotating rotor blades inside the rotor housing is the most common cause of injury associated with cordless snow shovels. Never use your hands to clear a clogged rotor housing.

To clear the rotor housing:

- Shut the motor off and remove the battery.
- Wait 10 seconds to be sure the rotor blades have come to a complete stop.
- Always use a clean-out tool, not your hands, to free the rotating blades.

Maintenance and Storage

- Check all fasteners at frequent intervals for proper tightness to ensure that the equipment is in safe working condition.
- Always refer to the operator's manual for important details, such as how to properly store your cordless snow shovel for an extended period of time.
- Maintain or replace safety and instruction labels as needed.
- Run the machine a few minutes after throwing snow to prevent the rotor blades from freezing.

Battery + Charger Safety Instructions

We pay a great deal of attention to the design of every battery pack to ensure that we supply you with batteries that are safe, durable and have a high energy density. The battery cells have a wide range of safety devices. Each individual cell is initially formatted and its electrical characteristic curves are recorded. This data is then used exclusively to be able to assemble the best possible battery packs.

Despite all the safety precautions, caution must always be exercised when handling batteries. The following points must be obeyed at all times to ensure safe use. Safe use can only be guaranteed if undamaged cells are used. Incorrect handling of the battery pack can cause cell damage.

IMPORTANT! Analyses confirm that incorrect use and poor care of high-performance batteries are the main factors responsible for personal and/or product damage.

⚠**WARNING!** Use only approved replacement batteries; other batteries may damage the cordless snow shovel and cause it to malfunction, which can lead to serious personal injury.

⚠**WARNING!** Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

Do not modify or attempt to repair the appliance or the battery pack except as indicated in the instructions for use and care.

Have your battery pack serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the battery pack is maintained.

⚠**CAUTION!** To reduce the risk of injury, charge the 20V* ECOSHARP® Lithium-ion battery pack only in its designated 20V* ECOSHARP® Lithium-ion charger. Other types of chargers present risk of fire, personal injury and damage. Do not wire a battery pack to a power supply plug or car cigarette lighter. Such misuse will permanently disable or damage the battery pack.

- **Avoid dangerous environments –** Do not charge the battery pack in rain, snow or in damp or wet locations. Do not use the battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing the battery pack, which could lead to a fire.
- **Charge in a well-ventilated area –** Do not block the charger vents. Keep them clear to allow for proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.

  NOTE: The safe temperature range for the battery is 41°F – 105ºF (5°C – 40.5°C). Do not charge the battery outside in freezing weather; charge it at room temperature.
- **Maintain charger cord –** When unplugging the charger, pull the plug, not the cord, from the receptacle to reduce the risk of damage to the electrical plug and cord. Never carry the charger by its cord or yank it by the cord to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges. Make sure the cord will not be stepped on, tripped over or subjected to damage or stress when the charger is in use. Do not use the charger with a damaged cord or plug. Replace a damaged charger immediately.
- **Do not use an extension cord unless it is absolutely necessary –** Using the wrong, damaged or improperly wired extension cord poses a risk of fire and electric shock. If an extension cord must be used, plug the charger into a properly wired 16 gauge or larger extension cord with the female plug matching the male plug on the charger. Make sure that the extension cord is in good electrical condition.
- **20V ECOSHARP® Lithium-ion charger is rated for 100-240V~50~60Hz 0.8A –** The charger must be plugged into an appropriate receptacle.
- **Use only recommended attachments –** Use of an attachment not recommended or sold by the battery charger or battery pack manufacturer may result in risk of fire, electric shock or personal injury.
- **Unplug charger when not in use –** Make sure to remove battery packs from unplugged chargers.

⚠**WARNING!** To reduce the risk of electric shock, always unplug the charger before performing any cleaning or maintenance. Do not allow water to flow into the charger. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.

- **Do not burn or incinerate battery packs –** Battery packs may explode, causing personal injury or damage. Toxic fumes and materials are created when battery packs are burned.
- **Do not crush, drop or damage battery packs –** Do not use the battery pack or charger if they have sustained a sharp blow, been dropped, run over or have been damaged in any way (i.e. pierced with a nail, hit with a hammer, stepped on, etc.).
- **Do not disassemble –** Incorrect reassembly may pose a serious risk of electric shock, fire or exposure to toxic battery chemicals. If the battery or charger are damaged, contact an authorized Snow Joe® + Sun Joe® dealer or call All Season Power customer service center at 1-866-225-9723 for assistance.
- **Battery chemicals cause serious burns –** Never let a damaged battery pack contact the skin, eyes or mouth. If a damaged battery pack leaks battery chemicals, use rubber or neoprene gloves to safely dispose of it. If skin is exposed to battery fluids, wash the affected area with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.

- **Do not short circuit –** A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as paper clips, coins, keys, screws, nails and other metallic objects. A short-circuited battery pack poses a risk of fire and severe personal injury.
- **Store your battery pack and charger in a cool, dry place –** Do not store the battery pack or charger where temperatures may exceed 105°F (40.5°C), such as in direct sunlight or inside a vehicle or metal building during the summer.

Information about the battery

1. The battery pack supplied with your cordless snow shovel is only partially charged. The battery pack has to be charged completely before you use the tool for the first time.
2. For optimum battery performance, avoid low discharge cycles by charging the battery pack frequently.
3. Store the battery pack in a cool place, ideally at 77°F (25°C) and charged to at least 40%.
4. Lithium-ion batteries are subject to a natural aging process. The battery pack must be replaced at the latest when its capacity falls to just 80% of its capacity when new. Weakened cells in an aged battery pack are no longer capable of meeting the high power requirements needed for the proper operation of your snow shovel, and therefore pose a safety risk.
5. Do not throw battery packs into an open fire as this poses a risk of explosion.
6. Do not ignite the battery pack or expose it to fire.
7. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is lengthy storage or non-use of partially discharged batteries. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers. Place the battery pack in storage only after it has been fully charged.
8. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing even if this overheating is not apparent externally.
9. Avoid damage and shocks. Immediately replace batteries that have been dropped from a height of more than one meter or those that have been exposed to violent shocks, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage. In such instances, please read the waste disposal information for proper battery disposal.
10. If the battery pack suffers overloading and overheating, the integrated protective cutoff will switch off the equipment for safety reasons.

    IMPORTANT! Do not press the ON/OFF switch any more if the protective cut-off has been activated. This may damage the battery pack.
11. Use only original battery packs. The use of other batteries poses a fire risk and may result in injuries or an explosion.

Information about the charger and the charging process

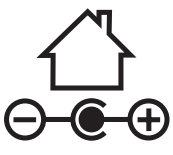
1. Please check the data marked on the rating plate of the battery charger. Be sure to connect the battery charger to a power supply with the voltage marked on the rating plate. Never connect it to a different mains voltage.
2. Protect the battery charger and its cord from damage. Keep the charger and its cord away from heat, oil and sharp edges. Have damaged cords repaired without delay by a qualified technician at an authorized Snow Joe® + Sun Joe® dealer or call All Season Power customer service center at 1-866-225-9723.
3. Electrical plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.
4. Keep the battery charger, battery pack(s) and the cordless tool out of the reach of children.
5. Do not use the supplied battery charger to charge other cordless tools.
6. During periods of heavy use, the battery pack will become warm. Allow the battery pack to cool to room temperature before inserting it into the charger to recharge.
7. Do not overcharge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partially charged battery pack will result in overcharging and cell damage. Do not leave batteries in the charger for days on end.
8. Never use or charge batteries if you suspect that it has been more than 12 months since the last time they were charged. There is a high probability that the battery pack has already suffered dangerous damage (exhaustive discharge).
9. Charging batteries at a temperature below 41°F (5°C) will cause chemical damage to the cells and may cause a fire.
10. Do not use batteries that have been exposed to heat during the charging process, as the battery cells may have suffered dangerous damage.
11. Do not use batteries that have suffered curvature or deformation during the charging process or those that exhibit other atypical symptoms (gassing, hissing, cracking, etc.).
12. Never fully discharge the battery pack (maximum recommended depth of discharge is 80%). A complete discharge of the battery pack will lead to premature aging of the battery cells.

Protection from environmental influences

1. Wear suitable work clothes. Wear safety goggles.
2. Protect your cordless tool and the battery charger from moisture and rain. Moisture and rain can cause dangerous cell damage.
3. Do not use the cordless tool or the battery charger near vapors and flammable liquids.
4. Use the battery charger and cordless tools only in dry conditions and at an ambient temperature of 41ºF – 105°F (5°C – 40.5°C).
5. Do not keep the battery charger in places where the temperature is liable to reach over 105°F (40.5°C). In particular, do not leave the battery charger in a car that is parked in the sunshine.
6. Protect batteries from overheating. Overloads, overcharging and exposure to direct sunlight will result in overheating and cell damage. Never charge or work with batteries that have been overheated – replace them immediately, if possible.
7. Store the charger and your cordless tool only in dry locations with an ambient temperature of 41ºF – 105°F (5°C – 40.5°C). Store your lithium-ion battery pack in a cool, dry place at a temperature of 77°F (25°C). Protect the battery pack, charger and cordless tool from humidity and direct sunlight. Only place fully charged batteries in storage (charged to at least 40%).
8. Prevent the lithium-ion battery pack from freezing. Battery packs that were stored below 32°F (0°C) for more than 60 minutes must be discarded.
9. When handling batteries, be wary of electrostatic charge. Electrostatic discharges can damage the electronic protection system and the battery cells. Avoid electrostatic charging and never touch the battery poles.

Safety Symbols

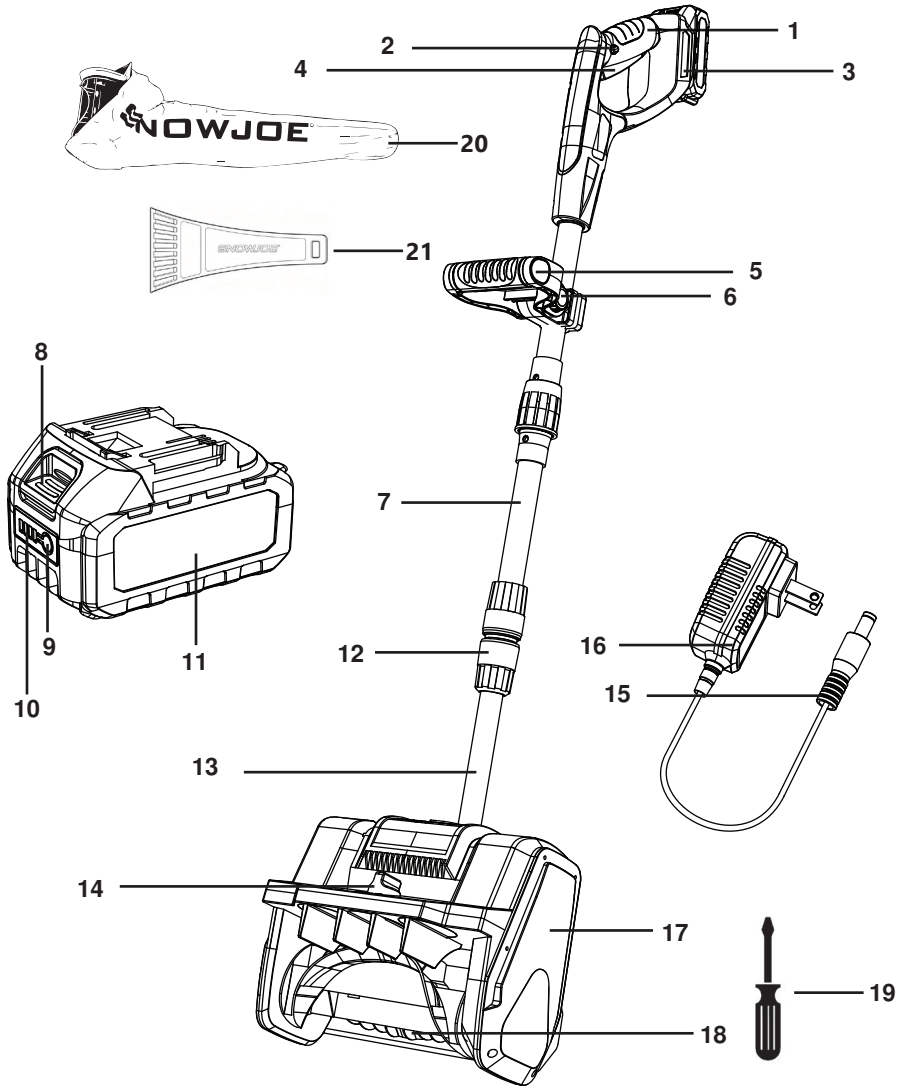
The following table depicts and describes safety symbols that may appear on this product. Read, understand and follow all instructions on the machine before attempting to assemble and operate.

Symbols	Descriptions	Symbols	Descriptions
	**READ THE OPERATOR'S MANUAL(S) –** Read, understand and follow all instructions in the user manual(s) before attempting to assemble and operate.		**WARNING!** Do not expose the unit to rain or wet conditions. Keep dry.
	**SAFETY ALERT –** Indicates a precaution, a warning or a danger.		**DANGER!** Cutting/dismemberment hazard - Keep feet away from the rotating auger.
	Wear hearing protection. Wear eye protection. Wear breathing protection.		**CAUTION!** Beware of stones and other foreign objects that could be thrown from the appliance.
	Wear safety gloves during use to protect hands.		Wear safety footwear at all times to provide protection against objects that may accidentally fall on feet.
	Do not use hands to unclog chute.		**DANGER!** Cutting/dismemberment hazard - Keep hands away from the rotating auger. Do not use hands to unclog rotor housing. Stop motor before removing debris.
	Keep hands, feet and clothing away from the rotating auger to avoid injury.		Keep bystanders and children a safe distance (at least 11 yd/10 m) away from the work area.
	The rotating part will continuously run for several seconds after you turn off the machine.		Indoor use only. Only use battery charger indoors.

Know Your Cordless Snow Shovel

Read the owner's manual and safety rules carefully before operating your cordless snow shovel. Compare the illustration below to the actual unit in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.

1. Upper handle
2. Safety switch
3. Battery compartment
4. ON/OFF trigger switch
5. Auxiliary handle
6. Handle knob
7. Middle pole
8. Push button
9. Charge level button
10. Battery indicator
11. 20V ECOSHARP® Lithium-ion battery
12. Telescoping adjustment knob
13. Lower pole
14. Directional chute control
15. Charger plug
16. 20V ECOSHARP® Lithium-ion charger
17. Motor housing
18. Shovel auger
19. Screwdriver
20. Snow shovel cover
21. Ice scraper



Technical Data

Motor	400W Brushless Motor
Battery Voltage	20V D.C.
Battery Capacity	5.0 Ah
Charger Input	100-240V~50~60Hz 0.8A
Charger Output	21V* D.C. 0.75 A
Charge Time Max	6 - 7 hrs
Product Dimensions (Assembled)	12.6 in. (L) x 7.5 in. (W) x 52 in. (H)
No Load Speed	21200 rpm
Rotor	2-blade paddle auger
Clearing Width	10 in. (25 cm)
Depth of Snow Cut	Up to 5 in. (12.7 cm)
Throw Distance Max	18 ft (5.48 m)
Net Weight	8.4 lbs (3.8 kg)
Gross Weight	10.8 lbs (4.9 kg)

***DISCLAIMER:** Initial no-load when fully charged, peaks at 20 Volts; nominal voltage under typical load is 18 volts.

Unpacking

Carton Contents

- Cordless snow shovel upper pole assembly
- Cordless snow shovel lower pole assembly
- Middle pole with auxilliary handle
- Joint-fixing knob and bolt
- 20V* ECOSHARP® Lithium-ion battery
- 20V* ECOSHARP® Lithium-ion battery charger
- Screwdriver
- Snow shovel cover
- Ice scraper
- Manual

***DISCLAIMER:** *Initial no-load when fully charged, peaks at 20 Volts; nominal voltage under typical load is 18 volts.*

1. Carefully remove the cordless snow shovel and check to see that all of the above items are supplied.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping. If you find damaged or missing parts, DO NOT return the unit to the store. Please call All Season Power customer service center at 1-866-225-9723.

NOTE: Do not discard the shipping carton and packaging material until you are ready to use your new cordless snow shovel. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. These items can be swallowed and pose a suffocation risk!

Battery Pack Operation

The battery pack is equipped with a Charge level button for checking the charge level. Simply press the push button to read off the battery charge level from the LEDs of the battery indicator.

⚠**WARNING!** Before first use, the battery requires at least 6-7 hrs charge time to be fully charged. When the battery is at low capacity, recharge for 6-7 hrs again before resuming operation.

Battery Charge Level Indicator

There are 4 indicator lights: 25%, 50%, 75%, 100%. The charger light changes from red to green when the battery is fully charged.

Battery Indicator Lights

The battery features 4 LED indicator lights to show the remaining charge:

- **1 light on –** 25% charge
- **2 lights on –** 50% charge
- **3 lights on –** 75% charge
- **4 lights on –** 100% (fully charge)

Charger Operation

⚠**WARNING!** Charge only 20V* ECOSHARP® Lithium-ion battery packs with its compatible 20V* ECOSHARP® Lithium-ion charger. Other types of batteries may cause personal injury and damage.

To reduce the risk of electric shock, do not allow water to flow into the charger's AC/DC plug.

When to Charge the 20V* ECOSHARP® Lithium-Ion Battery

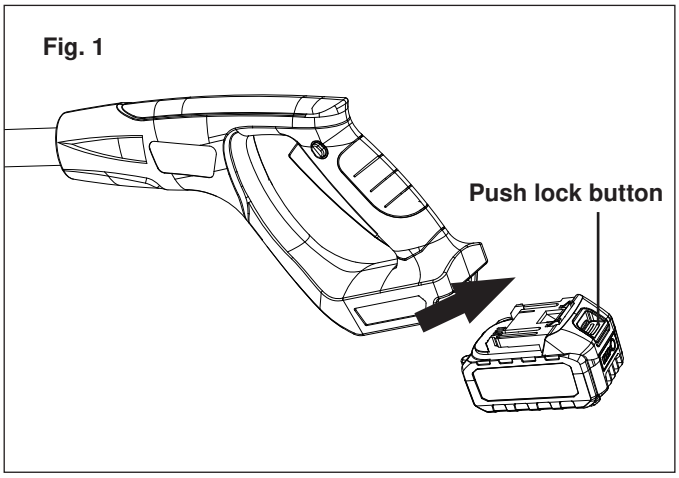
NOTE: The 20V* ECOSHARP® Lithium-ion battery packs do not develop a "memory" when charged after only a partial discharge. Therefore, it is not necessary to run down the battery pack before placing it into the charger.

- Use the battery charge indicator lights to determine when to charge your 20V* ECOSHARP® Lithium-ion battery pack.
- You can "top-off" your battery pack's charge before starting a big job or after a long day of use.

Charging the Battery

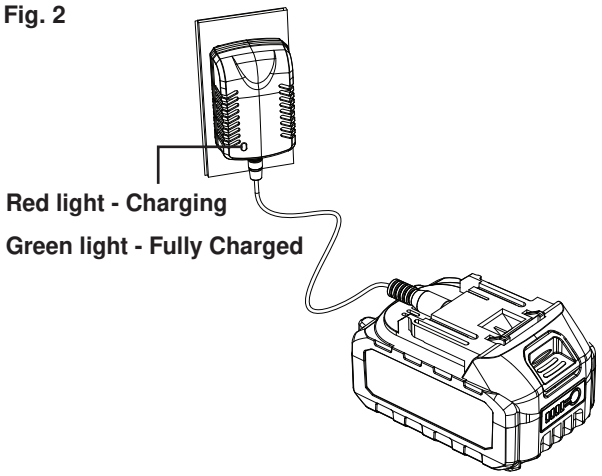
1. Press the push lock buttons on the battery to pull the battery pack out of the equipment (Fig. 1).

Fig. 1



2. Check that the mains voltage matches the rating on the battery charger. Plug the charger adapter into an appropriate AC power outlet, then connect the charger plug to the battery's charge socket to begin charging (Fig. 2). The charger light will turn red while charging and change to green once fully charged, which takes about 6-7 hours. Unplug the charger once charging is complete.

Fig. 2



3. Timely recharging of the battery will help prolong the battery's life. You must recharge the battery pack when you notice a drop in the equipment's power.

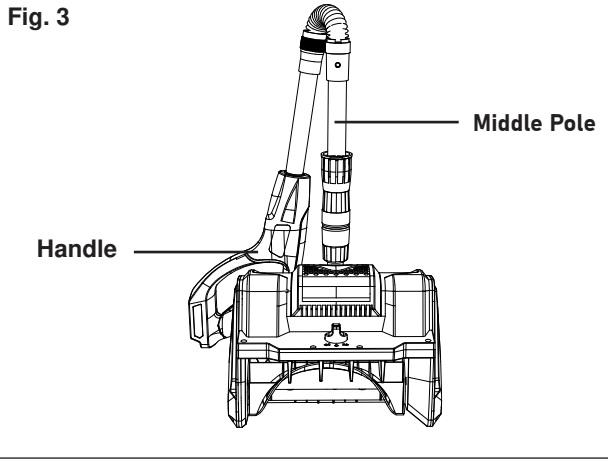
IMPORTANT! Never allow the battery pack to become fully discharged as this will cause irreversible damage to the battery.

Assembly

Connecting the Poles

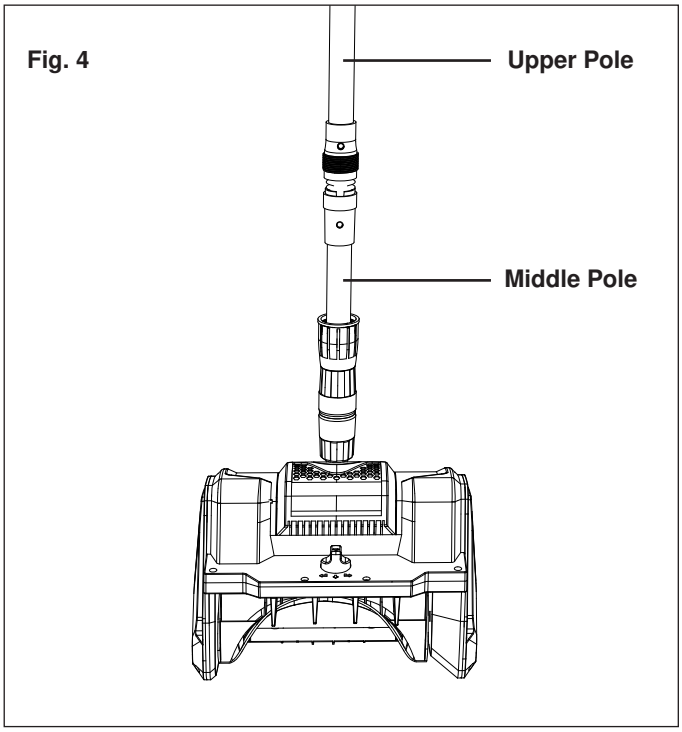
1. Raise the handle section of the telescoping pole until it is level with the middle part of the pole (Fig. 3).

Fig. 3



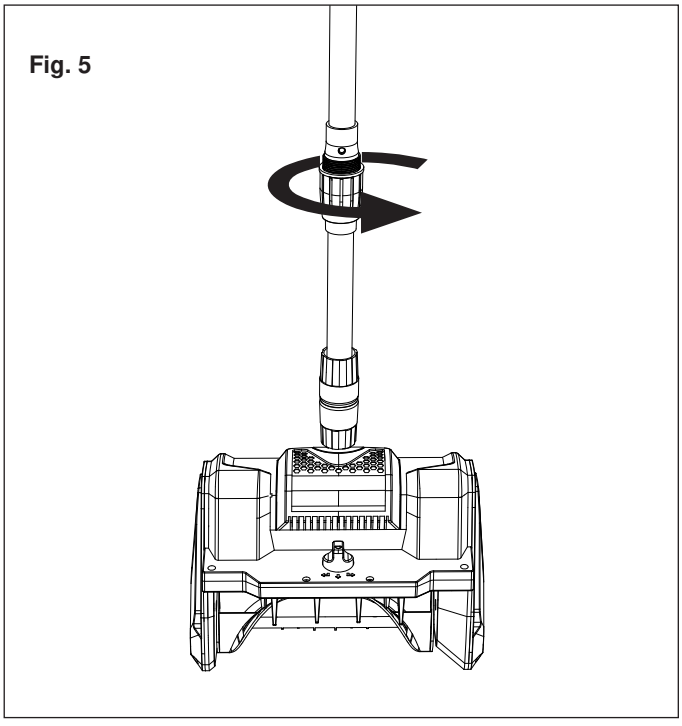
2. Align the groove at the connection point, then insert the upper part of the telescoping pole into the connector of the middle part (Fig. 4).

Fig. 4



3. Rotate the knob clockwise until it is fully tightened and securely fixed (Fig. 5).

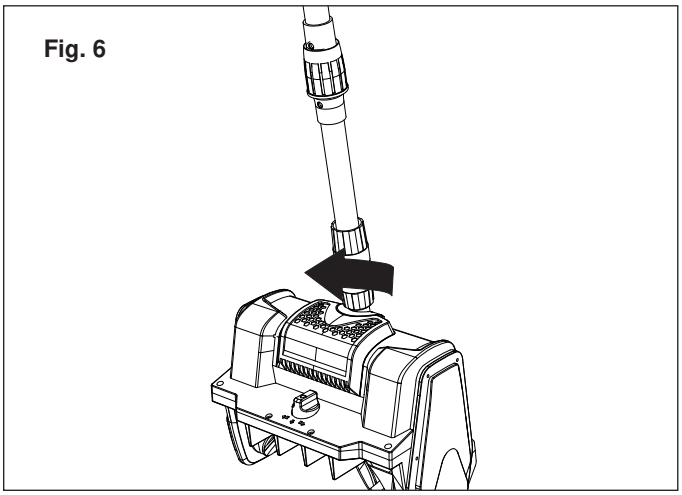
Fig. 5



Extending the Poles

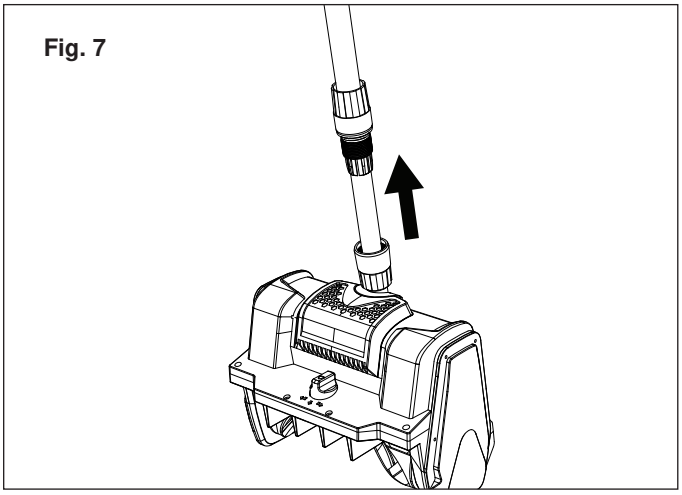
1. Loosen the height adjustment knob on the telescoping pole by turning it counter-clockwise (Fig. 6).

Fig. 6



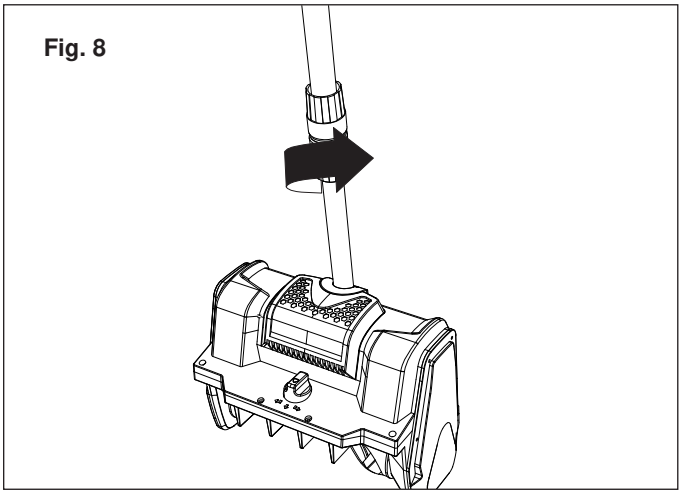
2. Extend the pole to the desired height (Fig. 7).

Fig. 7



3. Tighten the knob clockwise to secure the pole in place (Fig. 8).

Fig. 8



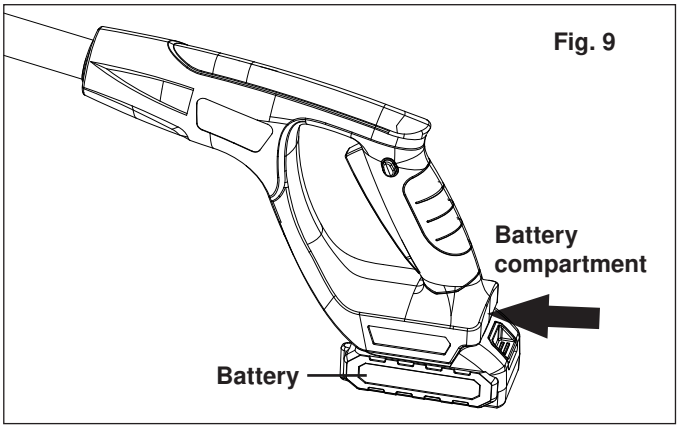
Operation

⚠**WARNING!** Keep the area to be cleared free of stones, toys or other foreign objects that the rotor blades might pick up and throw. Such items could be covered by snow and are easy to overlook, so be sure to conduct a thorough inspection of the area before beginning work.

Starting the Machine

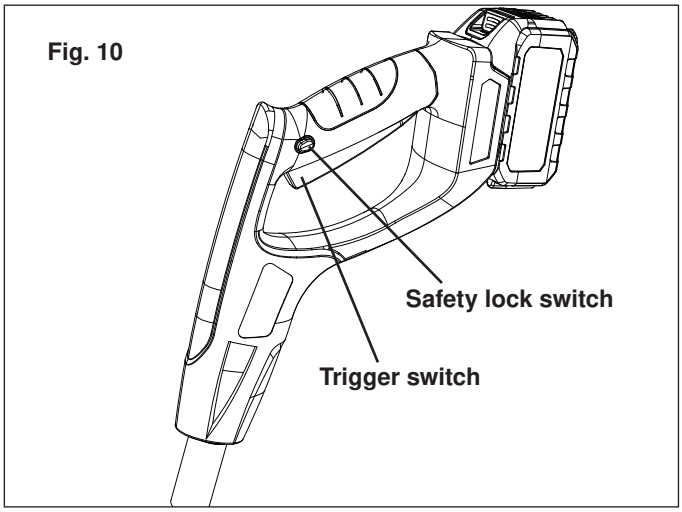
1. Slide the battery down in the battery compartment until it clicks to lock it into position (Fig. 9).

Fig. 9



2. To start the cordless snow shovel, push and hold the safety lock switch on the side of the handle grip with your thumb and then squeeze the trigger switch with your fingers. Once the machine powers on, you can release the safety lock switch and proceed with operation (Fig. 10).

Fig. 10

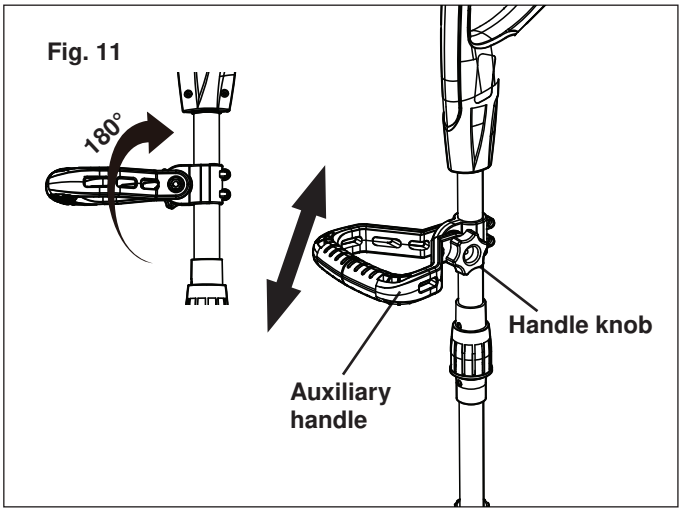


3. To stop the cordless snow shovel, release the trigger switch.

Handle Adjustment

To adjust the position of the auxiliary handle, follow the instructions below:

1. Stop the machine and remove the battery. Wait until the blade comes to a complete stop.
2. Loosen the knob and remove the screws with a screwdriver; adjust the handle up and down to desired position. The handle can be adjusted within a 180° range. Retighten handle knob securely (Fig. 11).



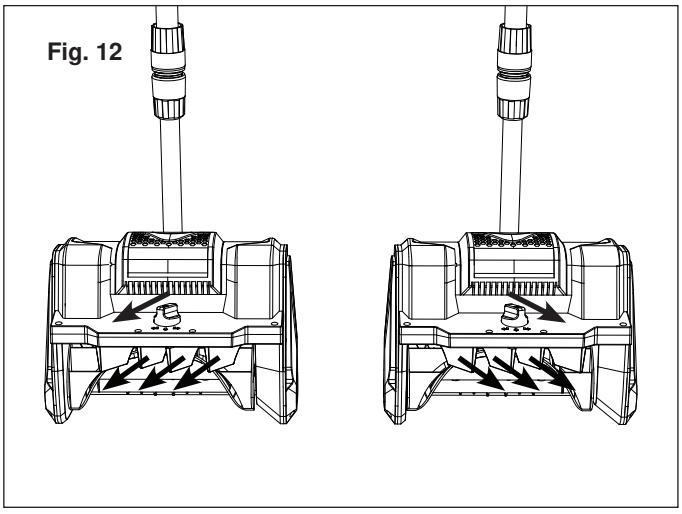
3. Insert the battery and resume working.

   NOTE: In order to prevent the auxiliary handle from moving around or sliding on the pole, be sure to tighten securely.

Direction Control Adjustment

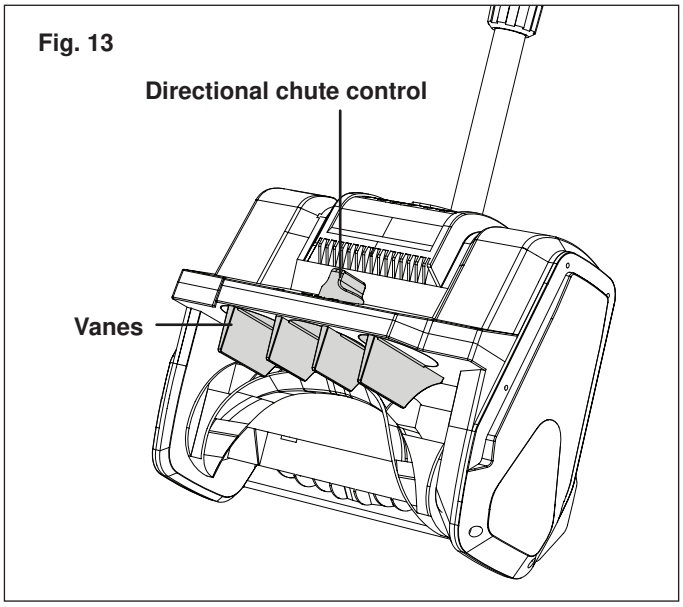
To adjust the angle of direction, follow the instruction below:

1. Stop the machine and remove the battery. Wait until the blade comes to a complete stop.
2. Turn the control to the left or right; the adjustable angle is 45° (Fig. 12).



Operating Tips

- Start the cordless snow shovel. Push the shovel forward at a comfortable rate, yet slow enough to clear the path completely. The clearing width of the snow shovel and the depth of snowfall should dictate your forward speed.
- Direct the snow discharge to the right or to the left using the directional chute control (Fig. 13).
- To remove snow most efficiently, throw the snow downwind and slightly overlap each swath.
- This cordless snow shovel cuts a path 10 in. (25 cm) wide.
- When clearing deeper drifts, hold the cordless snow shovel by the upper and auxiliary handles and use a swinging or sweeping motion.
- Remove the battery after using the cordless snow shovel. Hang the shovel so it will not be misplaced or damaged.



Accessory Guide

Ice Scraper

Intended Use

The ice scraper is designed to remove loose snow, frost and light ice from vehicle windows and other smooth surfaces.

How to Use

Hold the handle firmly. Scraper away loose snow before scraping. Use the scraper edge to remove frost or thin ice if necessary. Clean the brush after use and store it in a dry place (Fig 14).

Fig. 14



⚠**WARNING!** Do not use excessive force. Do not use on delicate surfaces that may be scratched. Keep out of reach of children.

Snow Shovel Cover

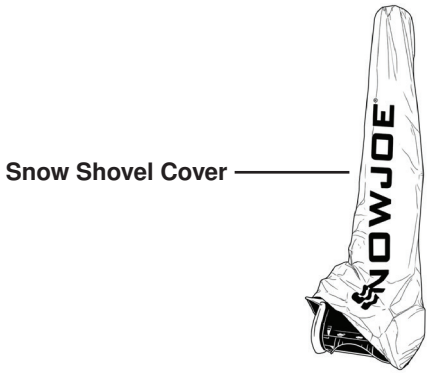
Intended Use

The storage cover helps protect the snow shovel from dust and dirt during storage.

How to Use

Remove the battery. Ensure the machine is clean and dry. Place the cover over the snow shovel completely. Store the covered machine indoors in a dry location (Fig 15).

Fig. 15



⚠**WARNING!** Do not cover a wet machine. Remove the cover before operating.

Maintenance

To order genuine replacement parts or accessories for the Snow Joe® X20-SNOW-TV1 cordless snow shovel, please visit shopjoe.com or contact All Season Power customer service center at 1-866-225-9723.

Proper Care for Battery + Charger

⚠**WARNING!** To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger before performing any maintenance task. Never disassemble the battery pack or charger. Contact your Snow Joe® + Sun Joe® dealer or All Season Power customer service center for ALL repairs.

1. To reduce the risk of injury and damage, never immerse your battery pack or charger in liquid or allow any liquid to flow inside these components.
2. Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air.
3. Use only mild soap on a damp cloth to clean the battery pack and charger, keeping away from all electrical contacts. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around battery packs, battery chargers or tools.
4. The 20V lithium-ion battery charger has no serviceable parts.

Lubricating the Cordless Snow Shovel

This cordless snow shovel does not need lubrication. All bearings are lubricated at the factory for the life of the product.

Storage

1. Examine the cordless snow shovel thoroughly for worn, loose or damaged parts. Should you need to repair or replace a part, contact an authorized Snow Joe® + Sun Joe® dealer or call All Season Power customer service center at 1-866-225-9723 for assistance.
2. Remove the battery from the cordless snow shovel before storing.
3. Store the cordless snow shovel indoors in a locked, dry place out of the reach of children to prevent unauthorized use or damage.

Battery + Charger Off-Season Storage

1. Do not expose your battery pack or charger to water, rain or allow them to get wet. This could permanently damage the charger and the battery pack. Do not use oil or solvents to clean or lubricate your battery pack as the plastic casing can become brittle and crack, causing a serious risk of injury.
2. Store the battery pack and charger at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery pack types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120˚F/49˚C).
3. 20V* ECOSHARP® Lithium-ion battery packs maintain their charge during storage longer than other battery pack types. As a general practice, it is best to unplug the battery charger and remove the battery pack when they are not in use. Recharge the battery pack every 6 months to 50% capacity (2 lights on) during off-season storage to maintain optimal battery performance.

Battery Caution + Disposal

Always dispose of your battery pack according to federal, state, and local regulations. Contact a recycling agency in your area for recycling locations.

⚠**CAUTION!** Even discharged battery packs contain some energy. Before disposing, use electrical tape to cover the terminals to prevent the battery pack from shorting, which could cause a fire or explosion.

⚠**WARNING!** To reduce the risk of injury or explosion, never burn or incinerate a battery pack even if it is damaged, dead or completely discharged. When burned, toxic fumes and materials are emitted into the surrounding atmosphere.

1. Batteries vary according to device. Consult your manual for specific information.
2. Install only new batteries of the same type in your product (where applicable).
3. Failure to insert batteries in the correct polarity, as indicated in the battery compartment or manual, may shorten the life of the batteries or cause batteries to leak.
4. Do not mix old and new batteries.
5. Do not mix Alkaline, Standard (Carbon-Zinc) or Rechargeable (Nickel Cadmium, Nickel Metal Hydride, or Lithium-Ion) batteries.
6. Do not dispose of batteries in fire.
7. Batteries should be recycled or disposed of as per state and local guidelines.

Service + Support

If your Snow Joe® X20-SNOW-TV1 cordless snow shovel requires service or maintenance, please call All Season Power customer service center at 1-866-225-9723.

Model + Serial Numbers

When contacting the company, reordering parts or arranging service from an authorized dealer, you will need to provide the model and serial numbers, which can be found on the decal located on the housing of the unit. Copy these numbers into the space provided below.

Record the following numbers from the housing or handle of your new product:

Model #:

X	2	0	-	S	N	O	W	-	T	V	1						

Serial #:

20V* ECOSHARP® Lithium ion charger

Federal Communications Commission (FCC)

⚠**WARNING!** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Class B device:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Troubleshooting

Troubleshooting Tips

Most difficulties are easy to fix. Consult the troubleshooting table for common problems and their solutions. If you continue to experience problems or need repairs beyond these minor adjustments, please call 1-866-225-9723 for assistance.

⚠**WARNING!** Always disconnect the battery before performing any adjustments, maintenance, or repairs to your cordless snow shovel.

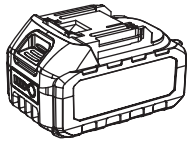
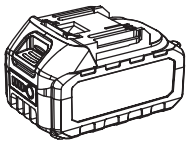
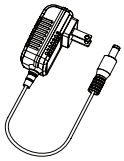
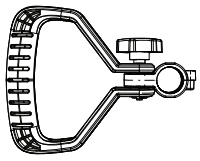
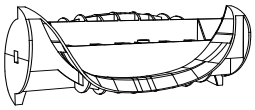
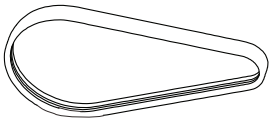
Problem	Corrective Action
Unit will not start	· Slide battery into compartment until it clicks into place · Recharge battery for 6–7 hours; 4 indicator lights = full charge · Press and hold safety lock switch with thumb, then squeeze trigger · Wipe battery contacts with dry cloth; inspect for corrosion
Unit stops during operation	· Recharge battery; charge when 1 indicator light remains · Remove battery, allow motor to cool 5–10 minutes before resuming · Take shallower passes or slow forward speed
Poor performance / snow not clearing or throwing	· Stop unit, remove battery, wait 10 seconds, use clean-out tool (not hands) to clear housing · Stop unit, remove battery, clear chute with clean-out tool · Press down on handle to maintain scraper blade contact; reduce speed
Rotor housing jammed	· Stop unit immediately, remove battery, wait 10 seconds for full stop; use clean-out tool only — NEVER use hands · Inspect rotor blades for damage; do not operate with damaged blades — contact All Season Power
Snow throw direction uncontrollable / chute not adjusting	· Turn chute control firmly; max angle is 45°; note: turn right to throw left, turn left to throw right · Remove battery; gently clear ice from chute pivot points before operating
Auxiliary handle loose or moves during use	· Remove battery; re-tighten handle knob clockwise; handle adjusts within 180° range · Use supplied screwdriver to tighten mounting screws before reinserting battery
Telescoping pole slips or changes height during use	· Loosen knob counter-clockwise, set desired height, tighten clockwise until firm · Inspect knob threads; if damaged, contact All Season Power for replacement
Battery not charging / charger light stays red	· Allow battery to reach room temperature (41°F–105°F) before charging; do not charge outdoors in freezing temps · Ensure charger plug is fully seated in AC outlet and connected to battery charge socket · Attempt recharge; if light does not turn green after 30 min, battery may be over-discharged — contact All Season Power · Replace battery when run time drops significantly; order 20V-BATT-4A or 20V-BATT-5A

Battery drains quickly / short run time	· Replace battery; order 20V-BATT-4A or 20V-BATT-5A · Store battery indoors at room temp; insert just before use in cold weather · Recharge battery; store at 40–50% charge off-season; recharge every 6 months
Excessive vibration during operation	· Stop unit immediately, remove battery, wait 10 seconds, clear rotor blades with clean-out tool · Remove battery; inspect rotor blades; do not operate with damaged blades — contact All Season Power · Check all visible fasteners and tighten; inspect unit before each use
Unit strikes a foreign object	· Stop unit immediately and remove battery; wait for rotor to fully stop; inspect for damage; repair before restarting — do not operate with damaged components

Only a company specialist may be able to correct faults that cannot be rectified with the aid of this table. Please call the All Season Power customer service department at 1-866-225-9723.

Optional Accessories

⚠**WARNING!** ALWAYS use only authorized Snow Joe® + Sun Joe® replacement parts and accessories. NEVER use replacement parts or accessories that are not intended for use with this cordless snow shovel. Contact All Season Power if you are unsure whether it is safe to use a particular replacement part or accessory with your cordless snow shovel. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
① 	20V* ECOSHARP® 4.0 Ah Lithium-Ion Battery	20V-BATT-4A
② 	20V* ECOSHARP® 5.0 Ah Lithium-Ion Battery	20V-BATT-5A
③ 	20V* ECOSHARP® Lithium-ion charger	HC1610-2100750
④ 	Auxiliary handle	X20-SNOW-AUXHND
⑤ 	Shovel auger	X20-SNOW-AUGER
⑥ 	Belt	X20-SNOW-BELT

NOTE: Accessories are subject to change without any obligation on the part of Snow Joe® + Sun Joe®. Accessories can be ordered online at shopjoe.com or via phone by contacting All Season Power customer service center at 1-866-225-9723.

OUR CUSTOMER PROMISE + LIMITED WARRANTY

ABOVE ALL ELSE, All Season Power, LLC ("All Season Power") is dedicated to you, our customer. We strive to make your experience as pleasant as possible. Unfortunately, there are times when a Snow Joe®, Sun Joe®, Aqua Joe® or Auto Joe® product ("Product") does not work or breaks under normal operating conditions. We think it's important that you know what you can expect from us. That's why we have a Limited Warranty ("Warranty") for our Products.

OUR WARRANTY:
All Season Power warrants new, genuine, powered and non-powered Products to be free from defects in material or workmanship when used for ordinary household use for a period of one year from the date of purchase or delivery by the original, end-user purchaser when purchased from All Season Power or from one of All Season Power's authorized sellers with proof of purchase. Because All Season Power is unable to control the quality of its Products sold by unauthorized sellers, unless otherwise prohibited by law, this Warranty does not cover Products purchased from unauthorized sellers. If you have any questions about how to buy from an authorized seller, chat with us at **shopjoe.com/support** or call us at **1-866-225-9723**. If your Product does not work or there's an issue with a specific part that is covered by the terms of this Warranty, All Season Power will elect to either (1) send you a free replacement part, (2) replace the Product with a new or comparable product (which may include a refurbished, like-new product) at no charge, or (3) repair the Product. How cool is that!

PRODUCT REGISTRATION:
All Season Power strongly encourages you to register your Product. You can register online at shopjoe.com/register, by chatting with us at **shopjoe.com/support** or calling our Customer Service Department at **1-866-225-9723**. Failure to register your Product will not diminish your warranty rights. However, registering your Product will allow All Season Power to better serve you with any of your customer service needs.

WHO CAN SEEK LIMITED WARRANTY COVERAGE:
This Warranty is extended by All Season Power to the original purchaser and original owner of the Product.

WHAT IS NOT COVERED?
This Warranty does not apply if the Product has been used commercially or for non-household or rental applications. This Warranty also does not apply if the Product was purchased from an unauthorized seller. This Warranty also does not cover cosmetic changes that do not affect performance. Wearing parts like belts, augers, chains and tines are not covered under this Warranty, and can be purchased at shopjoe.com or by calling 1-866-225-9723.

CERTIFIED AUTHENTIC

We encourage you to use **CERTIFIED AUTHENTIC** Snow Joe®, Sun Joe®, Aqua Joe® + Auto Joe® replacement parts + accessories. Damage caused by the use of any other parts + accessories on your Product will not be covered under the warranty. Genuine parts + accessories can be found and purchased here by entering the model number of your product.

When you register your powered or non-powered Product with All Season Power at **shopjoe.com/register**, you will receive an additional 90 days of warranty coverage. In addition, you will have the option of purchasing extended warranty coverage beyond the standard 1-year manufacturer's warranty. Choose from two, three, or four years of extended coverage through Extend, Inc. Additional charges apply. When you Go With Joe®, you're not just buying an extended warranty; you're buying total peace of mind to know that you can rely on our top-notch tools, top-tier customer support, complete product coverage + no hassle return policy. Chat with us at **shopjoe.com/support** or call us at **1-866-225-9723** 7 days a week 10AM-6PM EST. We've got you covered!

There are no warranties which extend beyond those stated herein. **ANY IMPLIED WARRANTIES THAT MAY BE APPLICABLE TO PRODUCTS, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.** Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

UNDER NO CIRCUMSTANCES SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF THIS LIMITED WARRANTY, BREACH OF CONTRACT OR STRICT LIABILITY. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. This warranty supersedes those printed in product manuals.

R1_09222025

IMPORTANT NOTICE ABOUT YOUR RIGHTS - PLEASE READ

ARBITRATION AGREEMENT

THIS ARBITRATION AGREEMENT ("AGREEMENT") SHALL GOVERN THE MANNER BY WHICH ANY CLAIMS AGAINST US REGARDING THIS PURCHASE AND/OR USE OF OUR PRODUCTS SHALL BE RESOLVED. THIS AGREEMENT SETS FORTH IMPORTANT LEGAL RIGHTS. PLEASE READ THIS AGREEMENT CAREFULLY.

BY PURCHASING OUR PRODUCTS FROM US OR ANY THIRD PARTY, YOU UNDERSTAND AND AGREE THAT ANY DISPUTE BETWEEN YOU AND US CONCERNING SUCH PRODUCT SHALL BE SETTLED BY BINDING INDIVIDUAL ARBITRATION IN ACCORDANCE WITH THE TERMS OF THIS AGREEMENT AND AS SUCH YOU WAIVE YOUR RIGHT TO PARTICIPATE IN OR REPRESENT A CLASS OF CONSUMERS IN SUCH DISPUTES. IF YOU DO NOT AGREE WITH THESE TERMS, YOU MUST RETURN THE PRODUCT WITHIN (30) DAYS OF YOUR RECEIPT OF THIS PRODUCT.

GOVERNING LAW; ASSENT

This Agreement shall be governed by the Federal Arbitration Act, 9 U.S.C. §§ 1 et seq., and, to the extent state law is applicable, the laws of the State of Delaware, without regard to conflict of laws principles. By retaining the Product beyond thirty (30) days from the date of receipt, you acknowledge that you have read, understood, and agreed to be bound by this Agreement. If you do not agree to this Agreement, you must return the Product within thirty (30) days of receipt for a full refund of the purchase price.

I. RESOLUTION BY BINDING ARBITRATION.

Any Claim or dispute between you and us, or any of our subsidiaries or affiliates, agents or representatives arising out of or relating in any way to the Product or this Agreement shall be resolved through final, binding arbitration. This arbitration obligation applies regardless of whether the claim or dispute involves a tort, fraud, misrepresentation, product liability, negligence, violation of a statute, or any other legal theory. You specifically acknowledge and agree that you waive your right to bring a lawsuit based on such claims or disputes and to have such lawsuit resolved by a judge or jury. Notwithstanding the foregoing, either party may seek emergency injunctive or other equitable relief from a court of competent jurisdiction solely to prevent irreparable harm pending arbitration, without waiving any right to arbitration of the underlying dispute.

II. WAIVER OF CLASS PARTICIPATION.

All arbitrations under this Agreement shall be conducted on an individual (and not a class-wide) basis, and an arbitrator shall have no authority to award class-wide relief. You acknowledge and agree that this Agreement specifically prohibits you from commencing arbitration proceedings as a representative of others or joining in any arbitration proceedings brought by any other person. You also acknowledge and agree that you are giving up your right to serve as a representative, as a private attorney general, or in any other representative capacity, and/or to participate as a member of a class of claimants in any lawsuit filed against us and/or related third parties.

III. ARBITRATION PROCEDURES.

A. Before commencing any arbitration proceedings under this Agreement, you must first present the claim or dispute to us by calling our Representative toll free at 1-866-225-9723 and providing all requested information. You may be required to provide us with a written statement setting forth the nature of your claim or dispute. We shall have forty-five (45) days from the receipt of such call (or written statement) to resolve such claim or dispute ("Resolution Period"). If your claim or dispute is not resolved within the Resolution Period, you may commence arbitration proceedings in accordance with the terms of this Agreement.

B. The arbitration of any claim or dispute under this Agreement shall be conducted pursuant to the AAA Consumer Arbitration Rules then in effect ("AAA"). These rules and procedures are available by calling the AAA or by visiting its web site at www.adr.org.
C. The arbitrator shall not conduct class arbitration; that is, the arbitrator shall not allow you to serve as a representative, as a private attorney general, or in any representative capacity for others in the arbitration.
D. The arbitration of any claim or dispute under this Agreement shall be conducted in New York County, New York State; provided, however, that for claims of $25,000 or less, you may elect to conduct the arbitration by telephone or videoconference, in which case no in-person appearance shall be required.

E. MASS ARBITRATION. If twenty (20) or more similar claims are filed against us within any ninety (90) day period ("Mass Filing"), the AAA shall administer the Mass Filing in a coordinated proceeding. The AAA shall select up to ten (10) claims to serve as bellwether proceedings, which shall be resolved first. The results of the bellwether proceedings shall not be binding on remaining claimants but may be used by the parties to facilitate resolution. No additional claims in the Mass Filing shall be administered or arbitrated while the bellwether proceedings are pending. All applicable statutes of limitations shall be tolled during any period of abeyance under this section. This provision shall not limit your individual right to arbitration.

F. ALTERNATE ADMINISTRATOR. If the AAA is unable or unwilling to administer a claim under this Agreement, JAMS, Inc. ("JAMS") shall serve as the arbitration administrator pursuant to its Consumer Arbitration Minimum Standards then in effect, available at www.jamsadr.com.

IV. COSTS.
All administrative expenses of the arbitration proceedings commenced under this Agreement shall be as follows:
A. If the claim or dispute that is the subject of the arbitration proceedings is less than five thousand dollars (US $5,000), your financial responsibility for the administrative costs shall not exceed One Hundred Dollars ($100);
B. If the claim or dispute that is the subject of the arbitration proceedings is between five thousand dollars (US $5,000) and fifty thousand dollars (US $50,000), your financial responsibility for administrative costs shall not exceed Three Hundred Dollars ($300); and
C. If the claim or dispute that is the subject of the arbitration proceedings exceeds $50,000, your financial responsibility for administrative costs shall be in accordance with the Commercial Fee Schedule provided by the AAA.
D. Each party shall pay the fees and costs of its own counsel, experts and witnesses.

V. SMALL CLAIMS.
If a claim is within the jurisdiction of a small claims court, either party may choose to take the claim to that court instead of arbitration. Any dispute that cannot be adjudicated within the jurisdiction of a small claims tribunal shall be resolved by binding arbitration as described in and in accordance with the terms of this Agreement. Any appeal of a judgement from a small claims tribunal shall be resolved by binding arbitration under the terms of this Agreement.

VI. SEVERABILITY.
If any provision of this Agreement is declared or found to be unlawful, unenforceable or void, such provision will be ineffective only to the extent that it is found unlawful, unenforceable or void, and the remainder of the provision and all other provisions shall remain fully enforceable.

All Season Power LLC
794 School House Road
New Castle, DE 19720

Implemented: January 2026



shopjoe.com