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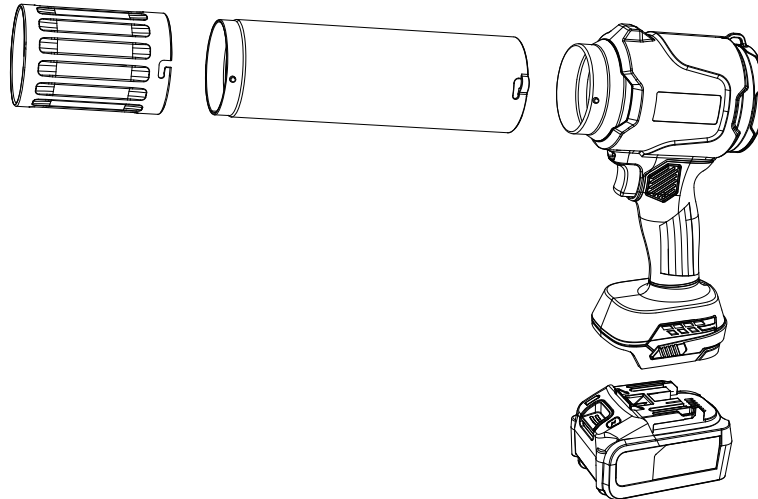
STORMJET TURBO BLOWER

20V MAX* | 5.0 Ah | 340 CFM

OPERATOR'S MANUAL

Model X20-STORMJET-TV1

Form No. ASP-X20-STORMJET-TV1-880E-M (TFG)



THANK YOU FOR YOUR PURCHASE!

HAS YOUR SNOW JOE EXPERIENCE LEFT YOU SMILING? 😊

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#GOWITHJOE

OR HAS SOMETHING LEFT YOU LESS THAN SATISFIED? 😞

WE'RE SORRY ABOUT THAT!

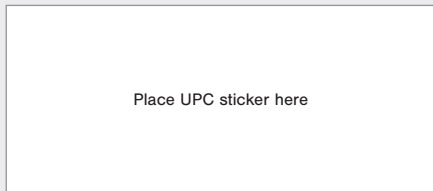
Our friendly customer service team is ready to help you with any issues you may have.

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1-866-225-9723

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UPGRADE YOUR COVERAGE AT SHOPJOE.COM/REGISTER FOR UP TO 3, 4, OR 5 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.

Original instructions.
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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





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OPERATOR'S MANUAL

Model X20-STORMJET-TV1

Form No. ASP-X20-STORMJET-TV1-880E-M (TFG)

IMPORTANT! Safety Instructions

All Operators Must Read These Instructions Before Use

Read all the instructions contained in this manual. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to another person, make sure to provide these operating instructions. Basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury.

⚠ DANGER! This indicates a hazardous situation, which, if not followed, will result in serious injury or death.

⚠ WARNING! This indicates a hazardous situation, which, if not followed, could result in serious injury or death.

⚠ CAUTION! This indicates a hazardous situation, which, if not followed, could result in minor or moderate injury.

Improper use of the machine will invalidate the warranty, relieve the manufacturer of all liabilities. The user will consequently be liable for all and any damage or injury to himself/herself or others.

General Machine Safety Warnings

⚠ WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this machine.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

1. Work area safety – Cluttered, dark areas invite accidents.

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Machines create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a machine. Distractions can cause you to lose control.

2. Electrical safety

- Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose machines to rain or wet conditions. Water entering a machine will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a machine outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a machine in a damp location is unavoidable, use a RESIDUAL CURRENT DEVICE (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating machines may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a 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 power source and/or BATTERY pack, picking up or carrying the tool. Carrying machines with your finger on the switch or energizing machines that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the machine on. A wrench or a key left attached to a rotating part of the machine may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations.

- f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second under the influence of drugs, alcohol, or other medication.

4. Machine use and care

- a) Do not force the machine. Use the correct machine for your application. The correct machine will do the job better and safer at the rate for which it was designed.
- b) Do not use the machine if the switch does not turn it on and off. Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or remove the BATTERY pack, if detachable, from the machine before making any adjustments, changing accessories, or storing machines. Such preventive safety measures reduce the risk of starting the machine accidentally.
- d) Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine. Machines are dangerous in the hands of untrained users.
- e) Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use. Many accidents are caused by poorly maintained machines.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the machine, 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 machine for operations different from those intended could result in a hazardous situation.
- h) Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5. BATTERY tool use and care

- a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of BATTERY pack may create a risk of fire when used with another BATTERY pack.
- b) Use machine only with specifically designated BATTERY packs. Use of any other BATTERY packs may create a risk of injury and fire.
- c) When BATTERY pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from

one terminal to another. Shorting the BATTERY terminals together may cause burns or a fire.

- d) Under abusive conditions, liquid may be ejected from the BATTERY; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the BATTERY may cause irritation or burns.
 - e) Do not use a BATTERY pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, EXPLOSION or risk of injury.
 - f) Do not expose a BATTERY pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
 - g) Follow all charging instructions and do not charge the BATTERY pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the BATTERY and increase the risk of fire.
- #### 6. Service
- a) Have your machine serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the machine is maintained.
 - b) Never service damaged BATTERY packs. Service of BATTERY packs should only be performed by the manufacturer or authorized service providers.

StormJet Turbo Blower Safety Warnings

- a) StormJet turbo blower safety warnings. Do not use the machine in bad weather conditions, especially when there is a risk of lightning. This decreases the risk of being struck by lightning.
- b) Wear eye protection and ear protection. Adequate protective equipment will reduce the risk of personal injury.
- c) While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals. This reduces the risk of injury to the feet.
- d) Do not wear loose fitting clothing or articles such as scarves, strings, chains, ties, etc., that could get drawn into the air inlets. Tie back or cover long hair to make sure it does not get drawn into the air inlets. If any of these items are drawn into the air inlets, it can increase the risk of personal injury.
- e) Keep bystanders away while operating the machine. Thrown debris can increase the risk of personal injury.
- f) Never point the blower nozzle in the direction of people or pets or in the direction of windows. Use extra caution when blowing debris near solid objects, such as trees, automobiles and walls that can cause debris to ricochet. Thrown objects can damage property and increase the risk of personal injury.
- g) Do not use the machine to pick up or blow anything that is burning or smoking, such as cigarettes, matches or hot ashes. These ignition sources may increase the risk of fire.







- h) Do not touch the fan while still in motion. Turn off the machine, wait until the fan stops and unplug the machine, before removing any part that may give access to the fan. This reduces the risk of injury from moving parts.
- i) When clearing jammed material or servicing the machine, make sure the power switch is off and the power cord is disconnected. Unexpected actuation of the machine while clearing jammed material or servicing may increase the risk of personal injury.
- j) Machine is intended to be used by the operator at ground level and not on ladders or any unstable support.
- k) Inspect machine for damage if there appears to be excessive vibration.
- p) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
- q) Battery pack gives its best performance when it is operated at normal room temperature ($20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$).
- r) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.
- s) Recharge only with the charger specified by the manufacturer. Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- t) Retain the original product literature for future reference.
- u) Use only the battery pack in the application for which it was intended.
- v) Remove the battery pack from the equipment when not in use.
- w) Dispose of properly.

General Safety Warnings For Battery Pack

- a) Do not dismantle, open or shred battery pack.
- b) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
- c) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.
- d) Do not remove battery pack from its original packaging until required for use.
- e) Do not subject battery pack to mechanical shock.
- f) In the event of battery leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- g) Observe the plus (+) and minus (-) marks on the battery back and equipment and ensure correct use.
- h) Do not use any battery pack which is not designed for use with the equipment.
- i) Keep battery pack out of the reach of children.
- j) Seek medical advice immediately if a cell or battery has been swallowed.
- k) Always purchase the battery pack recommended by the device manufacturer for the equipment.
- l) Keep battery pack clean and dry.
- m) Wipe the battery pack terminals with a clean dry cloth if they become dirty.
- n) Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.
- o) Do not leave battery pack on prolonged charge when not in use.

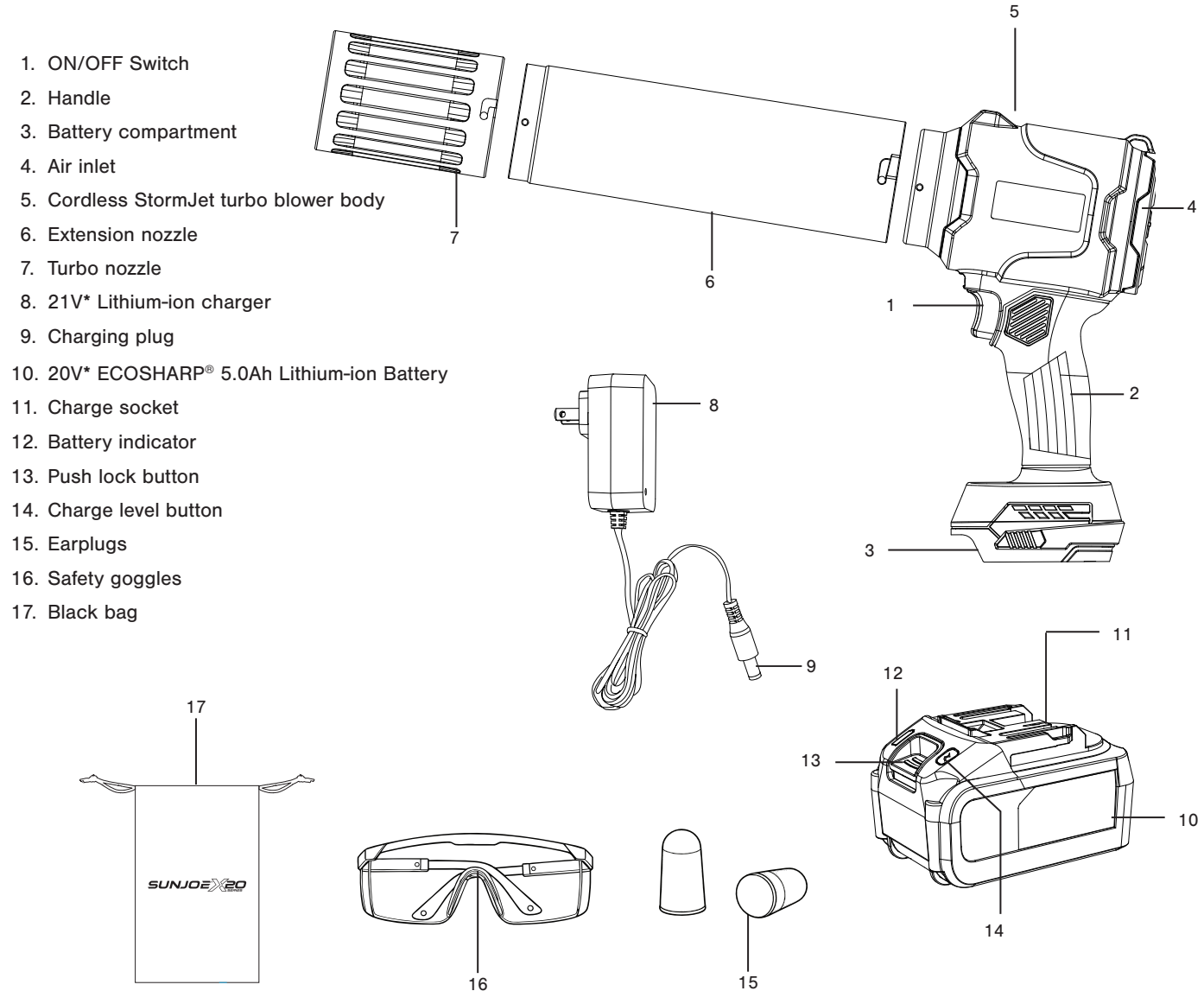
Safety Symbols

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
	<p>READ THE OPERATOR'S MANUAL(S) – Read, understand and follow all instructions in the user manual(s) before attempting to assemble and operate.</p>
	<p>SAFETY ALERT – Indicates a precaution, a warning or a danger.</p>
	<p>Keep bystanders and children a safe distance away.</p>
	<p>Wear eye and ear protection.</p>
	<p>WARNING! Turn the machine OFF and disconnect it from the power supply before inspecting, cleaning, changing accessories or conducting any other maintenance task.</p>
	<p>WARNING! - Do not expose the unit to rain or wet conditions. Keep dry.</p>

Know Your StormJet Turbo Blower

Read the owner's manual and safety instructions carefully before operating the cordless StormJet turbo blower. Compare the illustration below to the cordless StormJet turbo blower in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



Technical Data

Motor.....	330W	Motor Speed.....	32000 ±5% rpm
Battery Voltage Max*	20V D.C.	Air Flow Max	340 CFM
Battery Capacity	5.0 Ah	Gross Weight.....	4.4lbs (2kg)
Charger Input	100 – 240V AC, 50 – 60 Hz, 0.5 A max	Net Weight.....	4.0lbs (1.8kg)
Charger Output	21V D.C. --- 750 mA		
Charge Time Max	7 hrs 30 mins		



Unpacking

Carton Contents

- Cordless StormJet turbo blower body
- X20 Series ECOSHARP® Lithium-ion battery
- 21V* Lithium-ion charger
- Turbo nozzle
- Extension nozzle
- 10 Pairs of Earplugs
- Safety goggles
- Black bag
- Manual

1. Carefully remove the cordless StormJet turbo blower 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.

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

3. If you find damaged or missing parts, DO NOT return the unit to the store. Please call the All Season Power customer service center at 1-866-225-9723.

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 equipment is powered by a Lithium-ion battery. The battery pack is completely sealed and maintenance free.

Battery Indicator Lights

The battery pack is equipped with a push 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:

- All 3 level monitoring LEDs are lit: Battery charge level is high.
- 2 level monitoring LEDs are lit: Battery charge level is decreasing. Stop work as soon as possible.
- 1 level monitoring LED is lit: Battery is flat. Stop work IMMEDIATELY and charge the battery. Otherwise the battery's service life will be greatly shortened

Lights	Light Indicators
	Charge level button
	The battery is at 30% capacity and requires charging
	The battery is at 60% capacity and requires charging soon
	The battery is at full capacity

Charger Operation

⚠ WARNING! Charge only X20 Series 20V* ECOSHARP® Lithium-ion battery pack with its compatible 21V* 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.

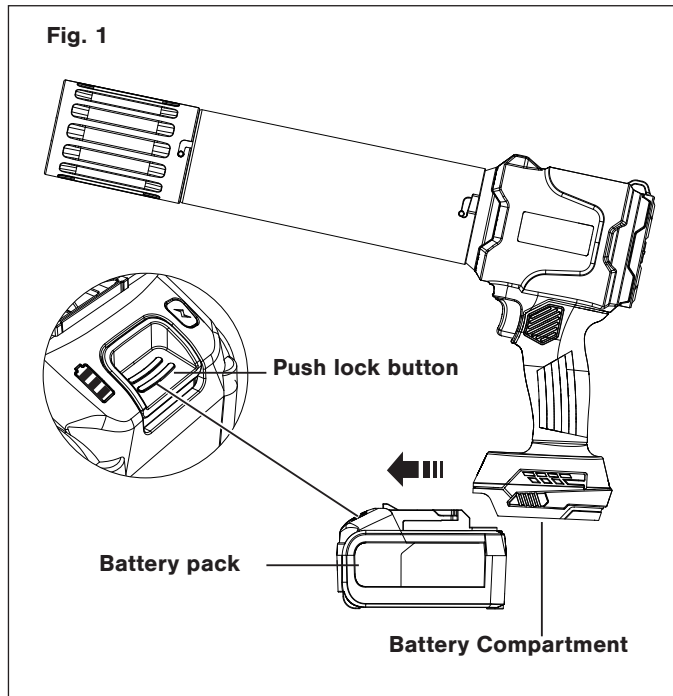
When to Charge the X20 Series 20V* ECOSHARP® Lithium-ion Battery

NOTE: The X20 Series 20V* ECOSHARP® Lithium-ion battery pack does not develop a "memory" when charged after only a partial discharge. Therefore, it is not necessary to run down the battery pack before inserting the charger plug.

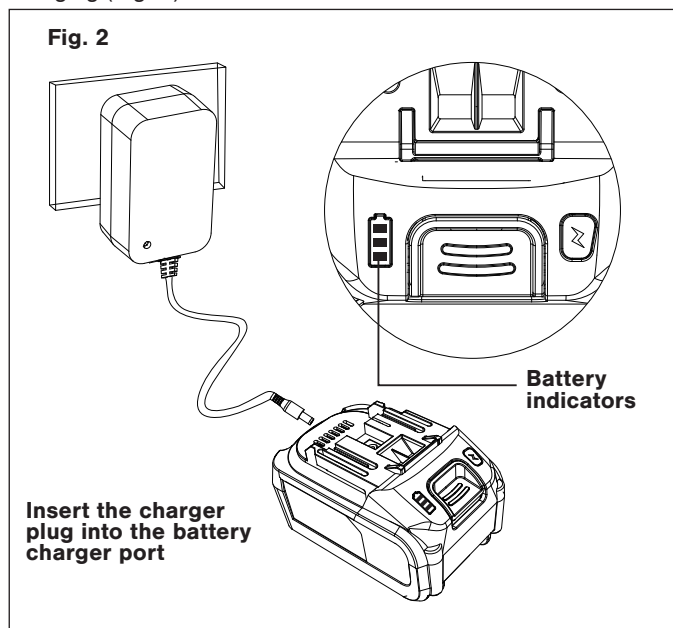
- Use the battery indicator lights to determine when to charge your X20 Series 20V* ECOSHARP® Lithium-ion battery pack.
- You can "top-off" your battery pack's charge before starting a big job or after a long day of use.

Charging the Battery

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



2. Check that the mains voltage is the same as that marked on the rating plate of the battery charger. Then, plug the charger adapter into an appropriate AC power outlet. Connect the charger plug into the charge socket of the battery to start charging (Fig. 2).



3. The battery will take approximately 7 hrs 30 mins to charge. During the charging process, the indicator light of the charger is red. When the indicator light of the charger turns green, the charger should be unplugged immediately.

⚠ CAUTION! FIRE HAZARD. When disconnecting the charger from the battery, be sure to unplug the charger from the outlet first, then disconnect the charger from the battery.

4. 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

⚠️ WARNING! To avoid serious personal injury, read and understand all safety instructions provided.

⚠️ WARNING! Do not insert battery until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

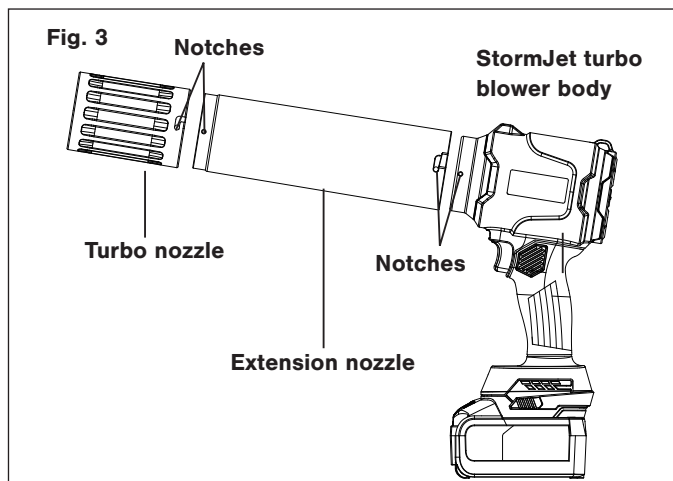
⚠️ WARNING! Before performing any maintenance, make sure battery is removed. Failure to heed this warning could result in serious personal injury.

⚠️ WARNING! To prevent serious personal injury, make sure the switch is in the OFF (0) position, the battery is removed and the impeller has come to a complete stop before attaching or detaching the nozzle.

To order genuine replacement parts or accessories for the Sun Joe® X20-StormJet-TV1 StormJet turbo blower, please visit shopjoe.com or contact the All Season Power customer service center at 1-866-225-9723.

Install the Turbo Nozzle

1. Align the notches on the StormJet Turbo Blower Body with the notches on the Extension Nozzle. Slide the two parts together until they click into place. Next, align the notches on the Extension Nozzle with the notches on the Turbo Nozzle. Slide them together until they click into place (Fig. 3).



⚠️ WARNING! To reduce the risk of injury, it is not recommended to disassemble the blower nozzle. Contact your Snow Joe® + Sun Joe® dealer or the All Season Power customer service center for all repairs.

⚠️ CAUTION! When the battery runs low on power, in order for the battery to be fully charged, it is necessary to place the battery in a cool place for 30 minutes to 1 hour before using the charger to charge it.

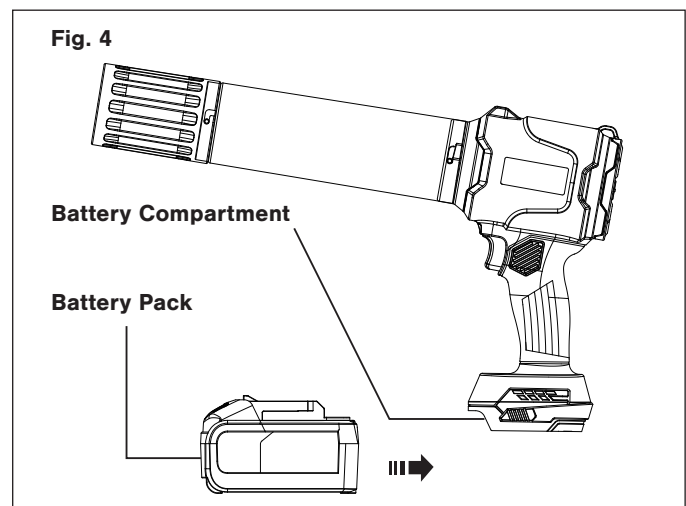
Operation Starting + Stopping

⚠️ CAUTION! Starting, stopping, and restarting a DC motor repeatedly within a few seconds can generate a great deal of heat and damage the motor. To protect the life of your cordless StormJet turbo blower, always wait at least five seconds after stopping before restarting the StormJet turbo blower.

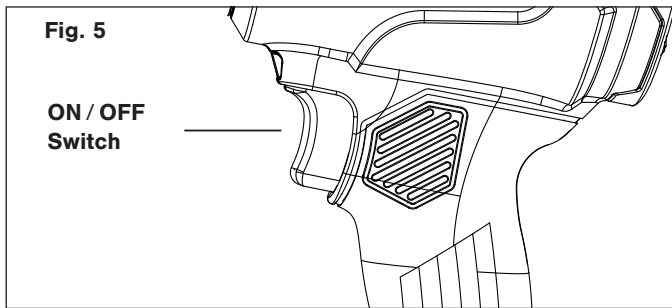
⚠️ WARNING! Do not insert battery until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

⚠️ WARNING! Before performing any maintenance, make sure battery is removed. Failure to heed this warning could result in serious personal injury.

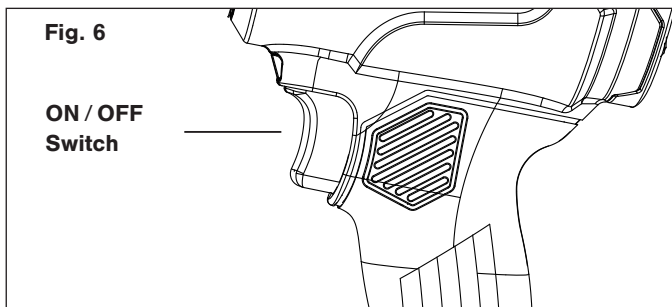
1. Insert the battery into the battery compartment until it clicks into position to lock (Fig. 4).



2. To turn on the StormJet turbo blower, press the switch all the way down (Fig. 5).



3. Release the switch to turn off the device (Fig. 6).



Operating Tips

⚠️ WARNING! Only use the StormJet turbo blower during daytime or under adequate artificial lighting.

- When using the StormJet turbo blower, plant your feet firmly on the ground and place your dominant hand on the unit handle to control the unit. Use your other hand to steady the unit as needed.
- Wear personal protective equipment during your work session. This includes boots, safety glasses/goggles, ear defenders, long pants and a long-sleeve shirt.
- Make sure the StormJet turbo blower nozzles are not directed at anybody or any loose debris before starting the unit.
- Verify that the unit is in good working condition. Make sure the nozzles are in place and secure.
- Keep a firm grip on the unit handle while in use.
- To reduce the risk of hearing loss associated with increased sound levels, hearing protection is required.
- Operate power equipment only at reasonable hours— not early in the morning or late at night when people might be disturbed. Comply with times listed in local ordinances. Usual recommendations are 9:00 am to 5:00 pm, Monday through Saturday.
- To reduce noise levels, limit the number of pieces of power equipment used at any one time and operate power blowers at the lowest possible speed setting necessary to do the job. Use rakes and brooms to loosen debris before blowing.

In dusty conditions, slightly dampen surfaces.

- Conserve water by using power blowers instead of hoses for many lawn and garden applications, including areas such as gutters, screens, patios, grills, porches and gardens.
- Blow debris into a safe, open area away from children, pets, open windows or freshly washed cars.
- Clean up after using StormJet turbo blower and other lawn equipment. Dispose of debris appropriately.

⚠️ WARNING! To avoid serious personal injury, wear ear defenders, goggles or safety glasses at all times when operating this unit. Wear a face mask or dust mask in dusty locations.

⚠️ WARNING! To prevent serious personal injury or damage to the unit, make sure the blower nozzles are in place before operating the unit.

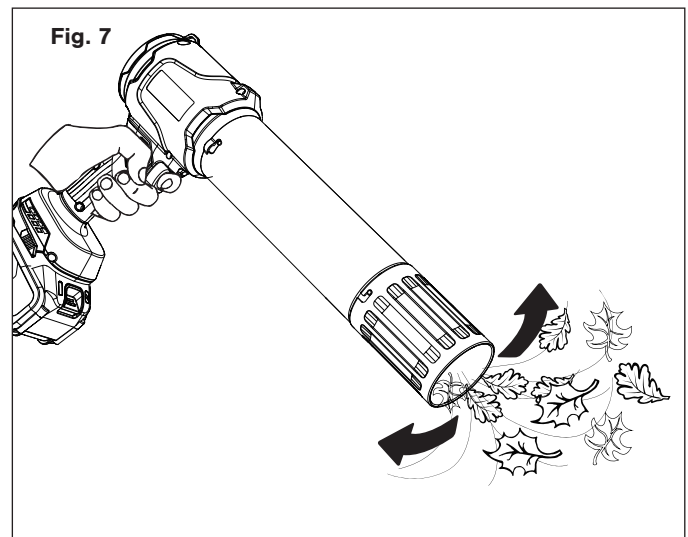
Air Vents

Never cover air vents. Keep them free from obstructions and debris. They must always remain clear for proper motor cooling.

⚠️ WARNING! To avoid serious personal injury, do not wear loose fitting clothing or articles such as scarves, strings, chains, ties, etc., that could get drawn into the air vents. To make sure long hair does not get drawn into the air vents, tie back long hair.

Blowing Operation

1. Hold the StormJet turbo blower firmly with your dominant hand on the unit handle. Sweep from side to side with the blower nozzles several inches above the ground or floor (Fig. 7).
2. Slowly advance the unit, keeping the accumulated pile of debris in front of you.



Maintenance

⚠️ WARNING! Always wear protective gloves during maintenance operations. Do not carry out maintenance when the motor is running or hot.

⚠️ WARNING! Use only original manufacturer's replacement parts, accessories and attachments. Failure to do so can cause possible injury and poor performance.

To order genuine replacement parts or accessories for the Sun Joe® X20 Series X20-StormJet-TV1 cordless StormJet turbo blower, please visit shopjoe.com or contact the All Season Power customer service center at 1-866-225-9723.

⚠️ WARNING! Remove the battery before performing any maintenance task. If the battery is connected with the unit, someone could accidentally turn on the unit while you are inspecting it, which could result in serious personal injury.

1. Store the tool, instruction manual and accessories in a secure, dry place. In this way, you will always have the information ready at hand.
2. Keep the tool's air vents unclogged and clean at all times.
3. Remove dust and dirt regularly. Cleaning is best done with a rag or brush.
4. Never use caustic agents to clean plastic parts.

⚠️ WARNING! Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool.

Storage

1. Examine the StormJet turbo blower 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 the All Season Power customer service center before storing.
2. Remove the battery from the StormJet turbo blower before storing.
3. Store the StormJet turbo blower in a dry, well-ventilated place that is inaccessible to children. Keep away from corrosive agents.

Battery Caution + Disposal

Always dispose of your battery packs 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 packs 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 and Support

If your Sun Joe® X20 Series StormJet turbo blower requires service or maintenance, please call the All Season Power customer service center at 1-866-225-9723.

Model and 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 t o r m J e t - T V 1	
Serial #:	

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.




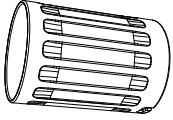
However, there is no guarantee that interference will not occur in a particular installation.

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.

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 StormJet turbo blower. Contact All Season Power if you are unsure whether it is safe to use a particular replacement part or accessory with your StormJet turbo blower. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
	20V* ECOSHARP® 5.0 Ah Lithium-ion Battery	20V-BATT-5A
	21V* Lithium-ion charger	CZRW2200750U
	Extension nozzle	X20-STORMJET-ENOZ
	Turbo nozzle	X20-STORMJET-RNOZ

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



Troubleshooting

Problem	Possible Cause	Solution
Unit will not start / no power	<ul style="list-style-type: none"> a) Battery not fully inserted or not seated properly b) Battery is discharged (low or no indicator lights) c) Switch not fully pressed down d) Thermal protection triggered from overuse e) Other electrical defect to the product 	<ul style="list-style-type: none"> a) Press push lock button and re-seat battery until it clicks b) Charge battery using the 20V* ECOSHARP® charger (approx. 7 hr 30 min) c) Press switch all the way down to start; release to stop d) Power off, remove battery, allow unit to cool 10–15 min, then retry e) Contact All Season Power customer service: 1-866-225-9723
Unit does not reach full power / weak airflow	<ul style="list-style-type: none"> a) Battery is nearly depleted b) Air inlet or turbo nozzle blocked by debris c) Overload/thermal protection triggered 	<ul style="list-style-type: none"> a) Recharge battery; indicator should show 3 lights for full performance b) Turn off, remove battery, clear debris from air inlet (#4) and nozzle (#6) c) Power off, remove battery, cool 5 min, clear any blockage, then retry
Unit stops suddenly during operation	<ul style="list-style-type: none"> a) Battery fully depleted mid-use b) Motor thermal protection activated c) Repeated rapid start/stop cycling overheated motor 	<ul style="list-style-type: none"> a) Recharge battery before next use; never allow full discharge b) Remove battery, allow unit to cool 10–15 min before restarting c) Always wait at least 5 seconds after stopping before restarting
Turbo nozzle is loose or detaches	<ul style="list-style-type: none"> a) Nozzle not fully clicked into place during assembly b) Notches not properly aligned on attachment 	<ul style="list-style-type: none"> a) Remove battery, realign notches on nozzle and blower body, slide together until it clicks b) Do not operate until nozzle is securely locked in place
Excessive vibration during use	<ul style="list-style-type: none"> a) Foreign object or debris lodged in fan/impeller b) Damaged internal component 	<ul style="list-style-type: none"> a) Turn off immediately, remove battery, inspect air inlet for obstructions b) Do not continue use – contact an authorized service agent
Battery drains faster than expected	<ul style="list-style-type: none"> a) Cold operating temperature reducing battery capacity b) Battery aging or reduced condition c) Frequent start/stop cycling generating excess heat 	<ul style="list-style-type: none"> a) Battery performs best at room temperature (20°C ± 5°C); warm up before use in cold b) After long storage, charge/discharge several times to restore full capacity c) Avoid repeated start/stop cycles within a few seconds
Battery will not charge / charges very slowly	<ul style="list-style-type: none"> a) Wrong charger being used b) Battery too hot or too cold c) Battery completely depleted 	<ul style="list-style-type: none"> a) Use only the included 20V* Lithium-ion charger (model CZRW2200750U) b) Move battery to room temperature (20°C ± 5°C) and wait 30–60 min before charging c) Charge indicator will be red during charging; green when complete – unplug immediately
Unit causes radio or TV interference	<ul style="list-style-type: none"> a) FCC Class B device emissions affecting nearby electronics 	<ul style="list-style-type: none"> a) Reorient or relocate the receiving antenna b) Increase distance between blower and receiver c) Plug blower into a different circuit from the affected device
Battery indicator lights not responding	<ul style="list-style-type: none"> a) Battery deeply discharged b) Push button not pressed correctly 	<ul style="list-style-type: none"> a) Press and hold battery indicator button (#14); if no lights, charge battery immediately b) Never allow full discharge – causes irreversible damage to battery



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.



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!

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