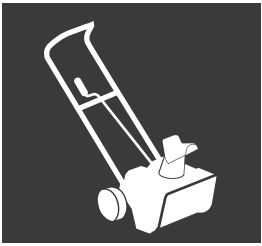
User Manual

CORDLESS SNOW THROWER
SB2001



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snapfreshtools.com afterservice@snapfreshpro.com

Read all safety rules and instructions carefully before operating this tool.

Snap Fresh

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SYMBOLS

The following symbols are used in the user manual or on the product:

	Warning!
	Read the operator 's manual.
	Wear ear protection.
	Double insulation
	Before any work on the machine itself, pull the power plug from the outlet.
	Wear face shield.

	Avoid injury from rotating auger. Keep hands, feet, and clothing away.
	Wear head protection.
	Wear protective gloves.
	Wear safety footwear.
	Remove plug from the mains immediately if the cable is damaged or cut.
	Shut off motor before unclogging discharge chute .

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SAFETY WARNINGS

GENERAL POWER TOOL SAFETY WARNINGS

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

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

2) Electrical safety

- **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce the 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 power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool 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 power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** The 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 power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection**. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-**position before connecting **to power source or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, The jewelry or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** The use of dust-collection can reduce dust, related hazards.

4) Power tool use and care

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **The use of the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Battery tool use and care

- **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.
- **Only use power tools with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When the 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.
- **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.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion. NOTE The temperature „130 °C“ can be replaced by the temperature „265 °F“.
- **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

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

BATTERY PACK AND CHARGER SAFETY INSTRUCTIONS

If under extreme conditions any electrolyte should escape from the battery, it's essential to avoid contact with skin. If electrolyte does come into contact with your skin, rinse it off with water. In the event of electrolyte contact with your eyes, it's essential to consult a doctor.

- Before the use of the charger and the battery pack, read the instruction manual for it carefully.
- During the charging process, the current used should correspond to the current of the battery charger.
- Never let moisture, rain or splashed water reach the charging location. The ambient temperature must not be less than 0°C nor exceed 40°C when charging. Do not use or store snow shovel or batteries in temperatures in excess of 49°C.
- Battery packs which are defective or damaged, or can no longer be re-charged, must be disposed of as hazardous waste. Hand them over at a special collection point. Never harm our environment. Do not throw unusable battery packs away into the domestic waste, into fire or into water.
- If the electrical cable is damaged, it may only be replaced by the supplier or by his repair workshop. Have repairs carried out only by an authorized specialist only.
- Use only battery packs that have been produced by the original manufacturer. Use only the charger supplied with your snow shovel.
- Always keep the surface of the charger free from dust and dirt.
- Insert the battery pack into the charger. Follow the guidelines provided concerning polarity.
- Always remove the battery pack before working on the snow shovel.
- When the battery pack is outside the snow shovel, cover the contacts to avoid short circuits (e.g. from tools or metal surfaces)
- Do not throw battery packs into water or fire, risk of explosion!
- Protect the battery pack from impacts, and don't attempt to open it.
- Never discharge the battery pack completely, and recharge occasionally if not used for a prolonged period.

Charge only BBT-DC50A type rechargeable battery packs with the charger.
Other types of batteries may burst causing personal injury and damage.

It is recommended that the charger is always supplied via a residual current device with a rated current of 30mA or less.



Wear hearing protection while operating the power tool.



Wear eye protection while operating the power tool.



Use a dust mask or respirator for applications that generate dust.



Wear foot protection while operating the power tool.

MACHINE INFORMATION

Technical Specifications

Model No.	**SB2001**
Rated voltage	40V (20V*2)
Clearing width	20" / 500mm
Maximum throwing distance	7m(front), 4.5m(side)
Maximum snow throwing height	5m(front), 3m(side)
Wheel size	8"
Machine weight	24.25 lb

Model Number	**BBT-DC50A**
Battery type	Lithium-ion
Voltage	20V ⎓
Capacity	5.0 Ah
Recommended charger	SnapFresh chargers only
Weight	0.63 kg

Model Number	CH20252
Charger input	100-240V~50/60Hz 65W
Charger output	21V ⎓ 2.5A
Charging time 5Ah battery	60 minutes
Recommended batteries	SnapFresh batteries only
Weight	0.66 kg

Only use the following batteries of the SnapFresh power 20V battery platform. Using any other batteries could cause serious injury or damage the tool.

BBT-DC50A 20V, 5Ah Lithium-ion

The following charger can be used to charge these batteries.

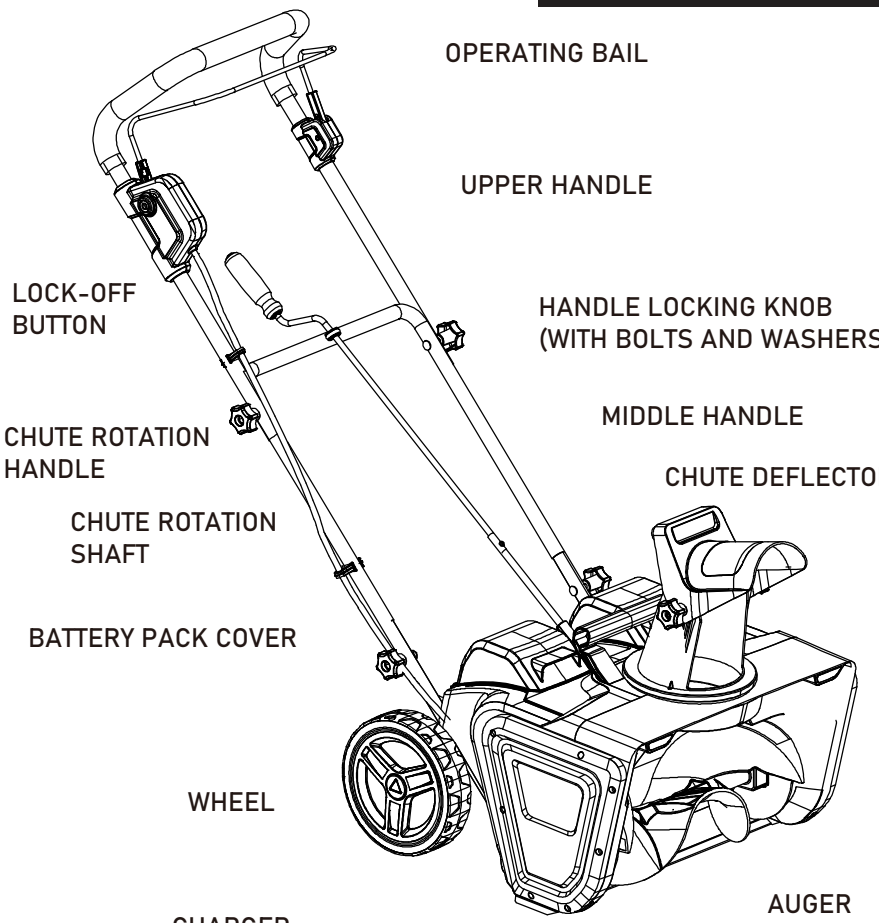
CH20252 Quick charger

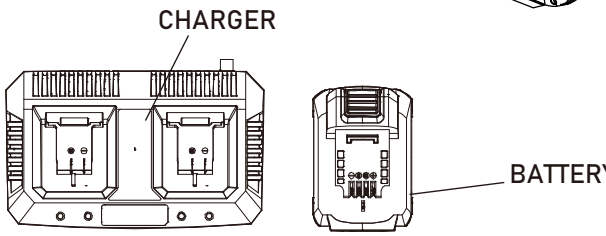
The batteries of the SnapFresh power 20V battery platform are interchangeable with all the SnapFresh power 20V battery platform tools.

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ACCESSORIES

Item.	QTY
Battery pack (5.0Ah)	2
Quick charger	1
Rotective cover	1





OPERATION INSTRUCTIONS

Caution! This packaging contains sharp objects. Take care when unpacking. Remove the machine, together with the accessories supplied, from the packaging. Check carefully to ensure that the machine is in good condition and account for any accessories listed in this manual. Make sure that all the acces-sories are complete. If any parts are found to be missing, the machine and its accessories should be returned together in their original packaging to the retailer.
Do not throw the packaging away, keep it safe throughout the guarantee period, then recycle if possible, otherwise dispose of it by the proper means. Do not let children play with empty plastic bags due to the risk of suffocation.

NOTES:

1. When the charger is plugged into the wall receptacle and NO battery is on the charger, the green indicator light(5)will turn ON indicating the charger is "live".

2. When a discharged battery is installed on the charger, the green indicator light will turn OFF and the red indicator light(6)will turn ON. The red indicator light indicates the battery is being charged.

3. If the red indicator light does not come ON, check to make sure charger pack is slid fully onto the battery and the electrical outlet is working properly.

4. A discharged battery pack should be fully charged in approximately 70 minutes.

5. It is normal for the battery charger to hum and be warm to the touch during operation.

6. If the battery pack does not charge properly, check to make sure the electrical outlet is "live".

7. Do NOT charge batteries when the work area or the battery temperature is at or below 5°C / 41° F or above 40.5°C /105° F.

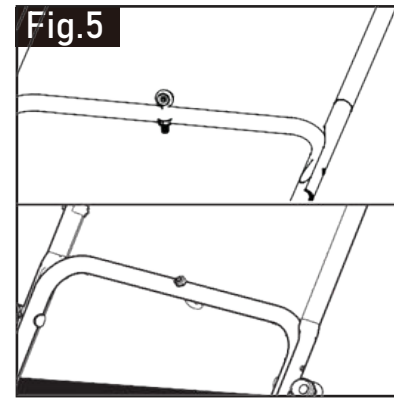
INSTALLING THE BATTERY PACK IN THE SNOW THROWER

1. Remove the discharged battery pack from the tool by pressing the battery release button on the rear of the battery downward and pulling the battery pack out of the tool handle.

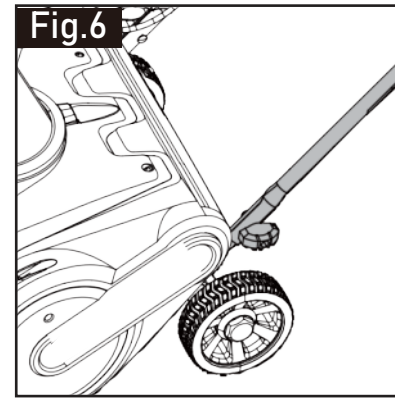
2. Insert the fully charged battery pack into the matching slots in the rear of the tool handle where the discharged battery pack has been removed.
NOTE: The battery release button will MclickH into place when the battery pack is fully installed.

1. Assembling lower handle bar

a) IMPORTANT:
When attaching the lower handle to the snow thrower, make sure the chute crank bar mounting hole on the lower handlebar is facing upwards. (Fig.5)

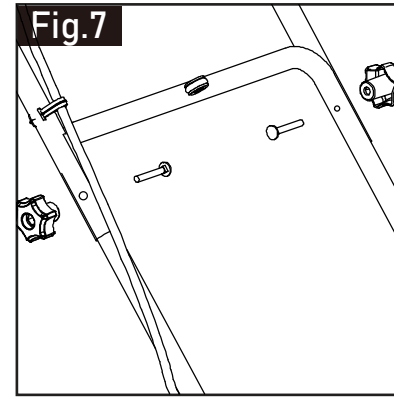


b) Lock lower handle with handle locking knob in side of bar where assembly hole is indented.(Fig.6)

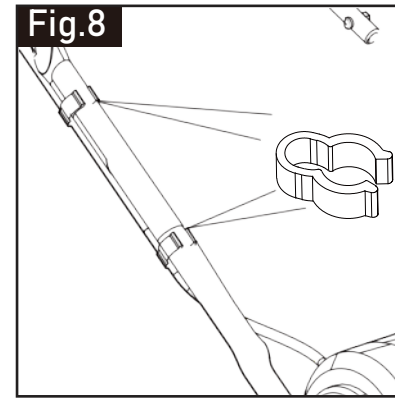


2. Assemble the upper handlebar

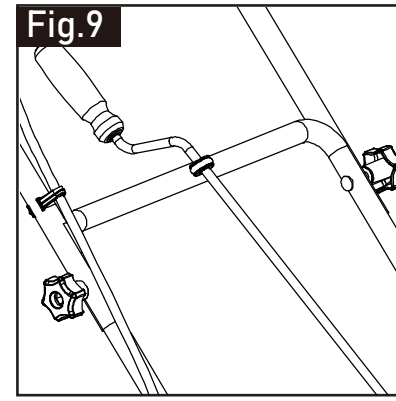
a)NOTE:
Choose one of the three holes in the lower handle for the desired handle's height when attaching the upper handle barr (Fig.7). And then lock with handle locking knob.



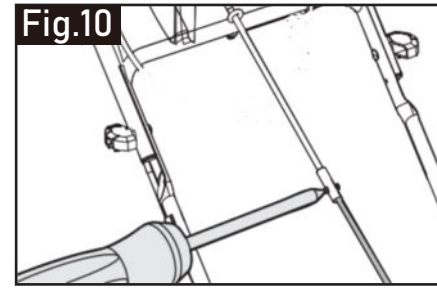
b) Locked power cord with cable clip (Fig.8)



a) Insert chute crank bar through the hole in lower handle bar. (Fig.9)



b) Tighten screw to connect chute crank bar. (Fig.10)



3. Assemble the thrower tube (Fig.11)

Fig.11a

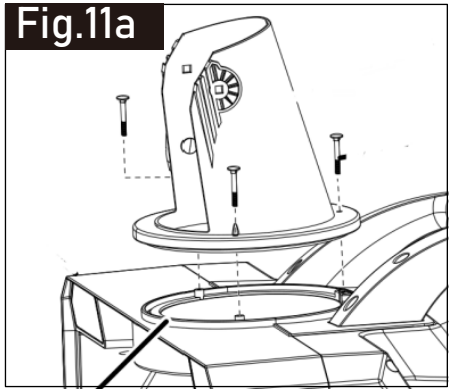
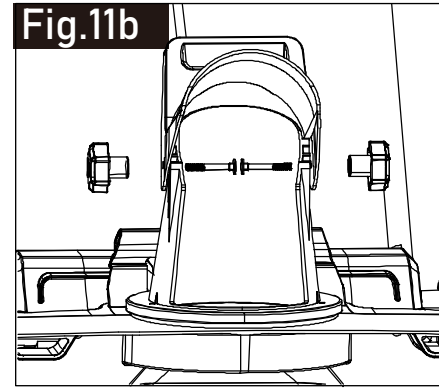


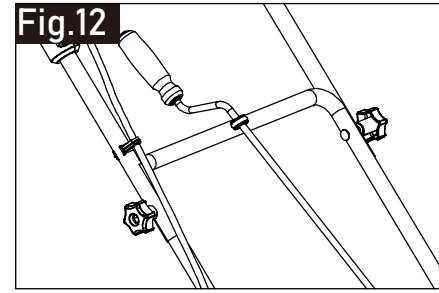
Fig.11b



4. Adjusting throw direction and throw height

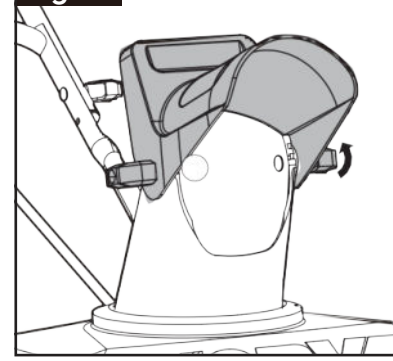
NOTE: The discharge chute can be adjusted 180 degrees by rotating the chute directional adjuster (Fig.12)
Always orient the discharge chute in the opposite direction from where you, bystanders, surrounding vehicles, or windows are located

Fig.12



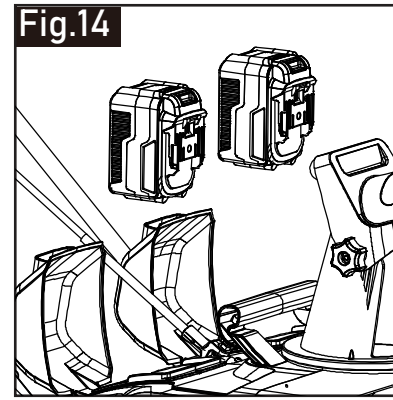
⚠ Make sure that the chute pitch adjuster snaps and locks completely onto the discharge chute (Fig.13).
Do not push the chute pitch adjuster too lower, to avoid an opening between the chute pitch adjuster and discharge chute. An opening between the discharge chute and the chute pitch adjuster may allow the snow thrower to pick up foreign objects and throw them toward operators' direction, causing serious injury.

Fig.13



5. Before switch on machine, insert the battery pack into the battery compartment. (Fig.14)

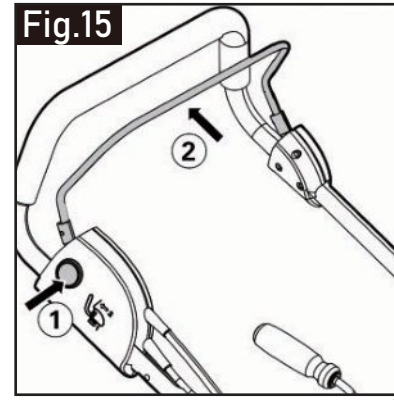
Fig.14



6. Starting & stopping

a) To start machine, press side switch 1, and then pull switch lever 2 (Fig.15).
b) To stop machine, just release main switch lever 2.

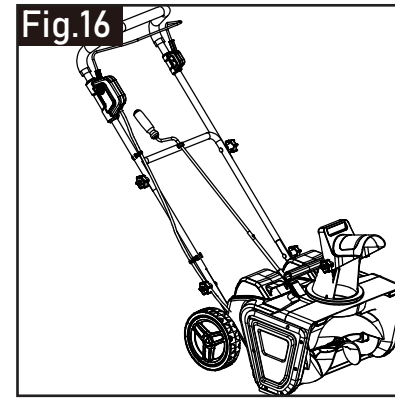
Fig.15



7. Operate Dual LED Headligh

a) Switch on machine as Fig.18 and headlight will turn ON. Release main switch lever as Fig.16, and headlight will turn off.

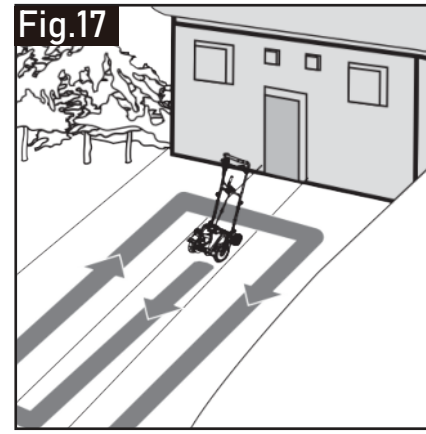
Fig.16



8.HOW TO CLEAR A DRIVEWAY/EXPERTS OFFER PRACTICAL TIPS (Fig.17)
SNOW THROWER (NON·WINDY CONDITIONS)

1) Cut a path straight down the middle of the driveway with the Discharge Chute facing left.
2) Without adjusting the Discharge Chute, turn machine around 180 degrees.
3) Return to driveway's start. Turn machine the same direction as before.
4) Continue making circles outward in this direction until the driveway is clear.

Fig.17



To adjust the location 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 handle knob slightly and slide auxiliary handle as needed to desired location.
Retighten handle knob securely .
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.

TROUBLESHOOTING

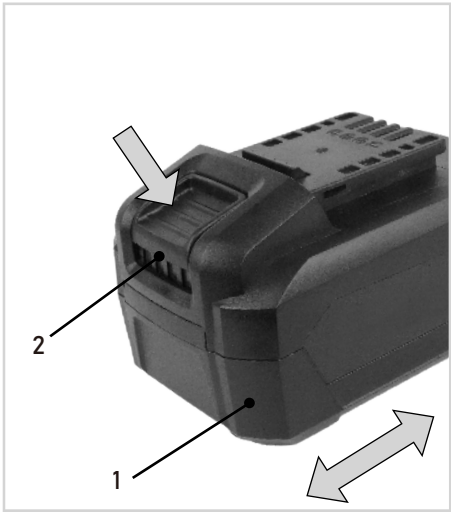
PROBLEM	POSSIBLE CAUSE	SOLUTION
The Snow Thrower leaves a thin layer.	The battery is not charged.	Charge the battery by following the procedures in the battery and charger manual.
	The battery is not aThe lock-out button or trigger. switch were not used properly. charged.	Press and hold the lock-out button,while holding the lock-out button, press the switch trigger.
	Battery is too cold.	Remove battery from Snow Thrower.Bring battery and charger into warm area for 15 minutes on charge. After 15 mins, remove from charger and install in Snow Thrower for use.
	The battery is not fully inserted into the housing.	Check if the battery is fully inserted into the housing.
	Battery may require service or replacement.	Call toll free helpline.
The motor is on, but the rotor does not turn.	The belt is damaged.	Replace the belt.
The Snow Thrower leaves a thin layer.	The scraper is worn.	Replace the scraper.

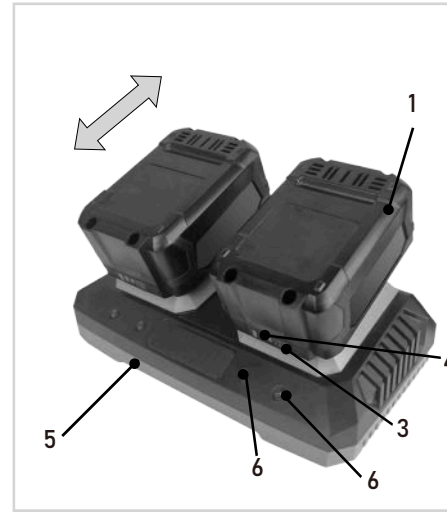
MAINTENANCE AND STORAGE

- 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 Thrower 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.

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BATTERY





Before any work on the power tool, remove the battery.

The battery must be charged before first use.

DESCRIPTION

1. Battery
2. Battery unlock button
3. Battery LED indicators
4. Battery LED indicators button
5. Charger
6. Charger LED indicators

Checking the battery charging status

- To check the battery charge status, push the button on battery shortly.
- The battery has 3 lights indicating the charge level, the more lights that burn, the more charge the battery has left.
- When the lights are not burning it means the battery is empty and must be charged immediately.

Charging the battery with the charger

- Take the battery (1) from the machine.
- Turn the battery (1) to upside down position and slide it onto the charger (5).
- Push the battery until it is fully pushed into the slot.
- Plug the charger plug into an electrical outlet and wait for a while. The LED indicators (3) charger (5) will lighten up and show the charger status.

The LED indicators (3) will lighten up and show the charger status.

Red LED Status	Green LED status	Charger status
Off	Off	No power
Off	On	Standby mode: -No battery is inserted or, -Battery inserted but charging has finished
On	Off	Battery charging in progress

After the battery is fully charged remove the charger plug from the outlet and remove the battery from the charger.

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MAINTENANCE

Attention! Always remove the battery before carrying out any work on the machine.
To clean the tool, use a dry or moist, but not wet towel. Many cleaning agents contain chemical substances which may cause damage to the plastic parts of the tool. Do not use any strong or flammable cleaners such as petrol, paint thinner, turpentine or similar cleaning agents. Always keep air ventilation holes free of dust deposits to prevent overheating. Wear a dust mask and use a soft brush to clean the ventilation holes.

Servicing this tool must be done by a qualified person only. Service or maintenance performed by unqualified personnel could result in a risk of injury.
If the tool does not work properly, return the tool to a service facility for repair.
If the electrical cable is damaged, it may only be replaced by the supplier or by his repair workshop.

Battery disposal:



This symbol indicates that the batteries supplied with this product must not be treated as general household waste. To remove them safely, you must bring them to your retailer or discard them in special containers provided for the community. At the end of the device's life, remember to remove the batteries.

BATTERY AND CHARGER SAFETY INSTRUCTIONS

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



Use only approved replacement batteries; other batteries may damage the cordless Snow Thrower and cause it to malfunction, which can lead to serious personal injury.



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 lithium-ion battery pack only in its designated 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 - 105°F / 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 discon¬nect 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.

Charger is rated for 120 volt AC only - 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 notin use - Make sure to remove battery packs from unplugged chargers.



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 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 anyway (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.

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-cir¬cuited 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 Thrower 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 Thrower, 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 nonuse 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 anymore 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 charger voltage.

2. Protect the battery charger and its cord from damage. Keep the charger and its cord away from heat, oil and sharp edges.

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 Radley cordless tools unless indicated as compatible by the manufacturer.

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. 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.

5. 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.

6. Store the charger and your cordless tool only in dry locations with an ambient temperature of 41°F - 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%).

7. 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.

PROPER CARE FOR BATTERY AND CHARGER



To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger before performing any maintenance task.

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 lithium-ion battery charger has no serviceable parts.

LUBRICATING THE Snow Thrower

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

STORAGE

1. Examine the cordless Snow Thrower thoroughly for worn, loose or damaged parts. Should you need to repair or replace a part, contact 1-833-635-0955 for assitance.

2. Remove the battery from the cordless Snow Thrower before storing.

3. Store the cordless Snow Thrower indoors in a locked, dry place out of the reach of children to prevent unauthorized use or damage.

BATTERY AND 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 dean 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 105° F / 40.5° C.

3. 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, provincial, 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.



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 dispose of batteries in fire.

6. Batteries should be recycled or disposed of as per provincial and local guidelines.

BATTERY PACK RECYCLING

To preserve our natural resources, please recycle or dispose of batteries properly. The batteries charged by this charger may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites as they will add to the pollution of the environment.

Snap Fresh

WARRANTY

Ningbo Winbay Technology Co.,Ltd (Hereinafter referred to as Winbay) warrants this product against defects in materials and/or workmanship under normal use for a period of 2 years(Battery and Charger), and 3 years(Tools) from the date of purchase by the original purchaser,('Warranty Period').

The following circumstances are excluded from this guarantee:

- Repairs and or alterations have been made or attempted to the machine by unauthorized service centers;
- Normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- Non-original spare parts have been used.

If a defect arises and a valid claim is received within the Warranty Period, at its option, Winbay will either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the product with a new product that is at least functionally equivalent to the original product, or provide a store credit in the amount of the purchase price of the original product. A replacement product or part, including a part installed in accordance with instructions product by Winbay, assumes the remaining warranty of the original product. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Winbay's property. When a store credit is given, the original product must be returned to Winbay and becomes Winbay's property.
To obtain warranty service, e-mail Winbay Warranty Service at **afterservice@snapfreshpro.com.**
Please be prepared to describe the product that needs service and the nature of the problem.
To extend your warranty, please register at **snapfreshpro.vip**

+1 833 635 0955

(Monday - Friday 9 a.m. - 5 p.m. EST 6 a.m. - 2 p.m. PST)

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