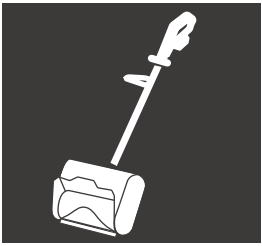
User Manual

CORDLESS SNOW SHOVEL
SS1201



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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:

	Observe caution and safety notes.
	Read the user manual.
	Wear hearing protection, dust protection mask, protective glasses and protective gloves, heavy footwear.
	Dispose of packaging and appliance in an environmentally friendly way!

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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-DC20A and BBT-DC40A 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.	SS1201
Rated voltage	20V
Clearing width	12" / 305mm
Maximum cleaning depth	5"
Maximum cleaning width	12"
Maximum throwing distance	5m
Weight	7.7 lb

Model Number	BBT-DC40A
Battery type	Lithium-ion
Voltage	20V ⎓
Capacity	4.0 Ah
Recommended charger	BBT-YFT20V BBT-XH20V
Weight	0.6 kg

Model Number	BBT-XH20V
Charger input	100-240V~60Hz 65W
Charger output	21V ⎓ 2.5A
Charging time 2Ah battery	60 minutes
Charging time 4Ah battery	120 minutes
Recommended batteries	BBT-DC20A, BBT-DC40A
Weight	0.36 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-DC20A 20V, 2Ah Lithium-ion
BBT-DC40A 20V, 4Ah Lithium-ion

The following charger can be used to charge these batteries.
BBT-YFT20V Quick charger
BBT-XH20V Rapid 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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GENERAL SAFETY WARNINGS

ALL OPERATORS MUST READ THESE INSTRUCTIONS BEFORE USE

Before using this tool or any of its accessories, read this manual and follow all Safety Rules and Operating Instructions. The important precautions, safeguards and instructions appearing in this manual are not meant to cover all possible situations. It must be understood that common sense and caution are factors which cannot be built into the product.

WEAR EYE PROTECTION
WEAR A FACE MASK
WEAR EAR PROTECTION

ELECTRICAL SAFETY

Use proper circuit protection.
Ventilation openings in batteries and chargers must always be to allow cooling air to circulate freely. Air vents that are blocked, restricted or covered may result in the battery or charger overheating. Overheating may lead to damage to the tool or cause a fire resulting in possible serious injury.

WORK AREA SAFETY

Keep work area clean and well lit. Cluttered or dark areas invite accidents.
Do not operate snow shovel in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite dust or fumes.
Keep children and bystanders away while operating a power tool.
Distractions can cause you to lose control.
Do not expose the snow shovel to rain or wet locations. Water entering a shovel will increase the risk of electric shock.

SPECIFIC SAFETY RULES

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 Exercise caution to avoid slipping or falling.
- Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires and other foreign objects.
- Do not attempt to clear snow from a gravel or crushed rock surface. This product is intended for use only on paved surfaces.
- Never attempt to make any adjustments while the motor is running (except when specifically recommended by the manufacturer).
- 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.
- 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

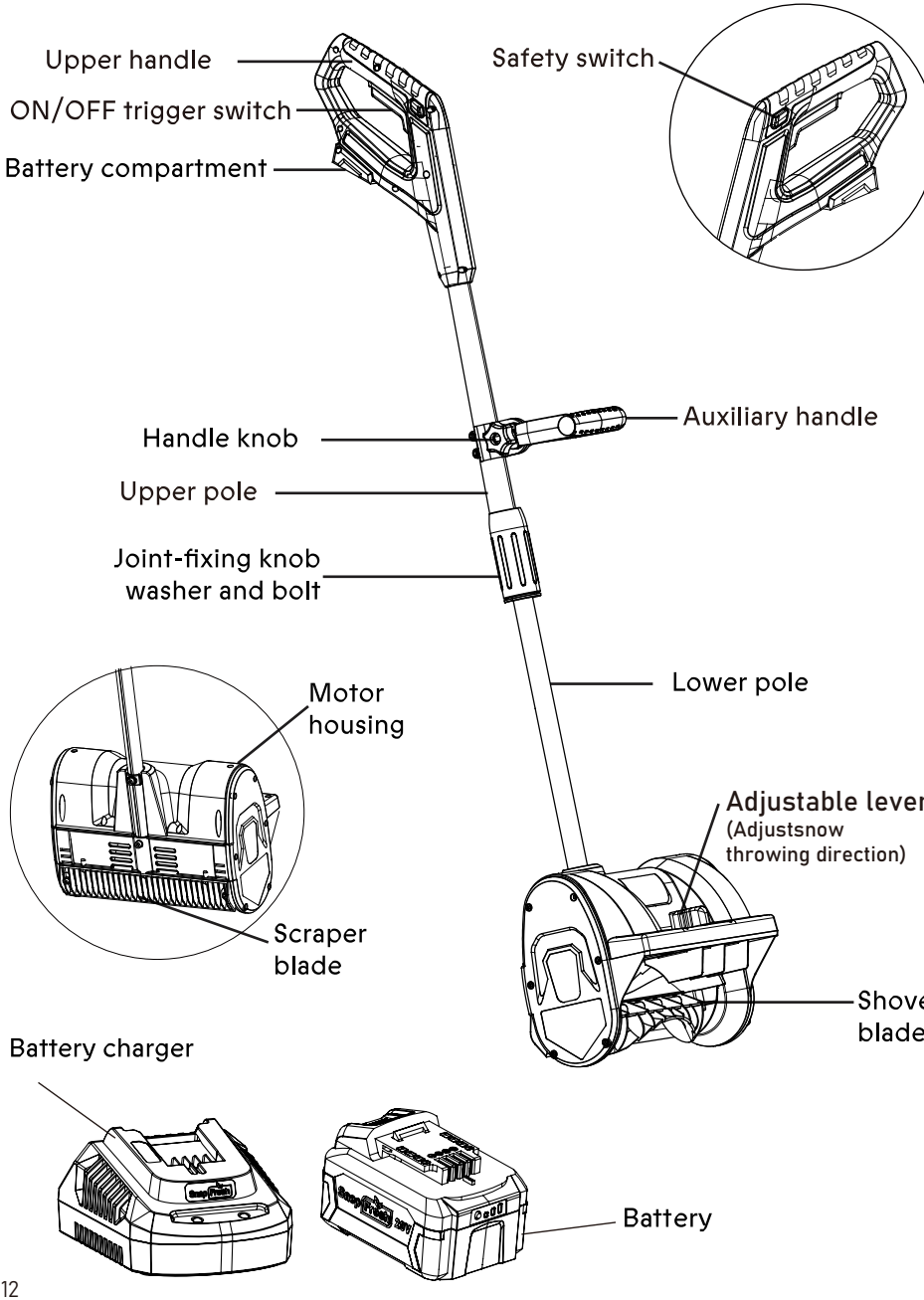
Hand contact with the rotating rotor blades Inside the rotor housing is the most common cause of Injury associated with cordless snow shovels. Never use your hands to clear a clogged rotor housing.

To clear the rotor housing:
1. Shut the motor off and remove the battery.
2. Wait 10 seconds to be sure the rotor blades have come to a complete stop.
3. 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 operators' 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.

KNOW YOUR SNOW SHOVEL

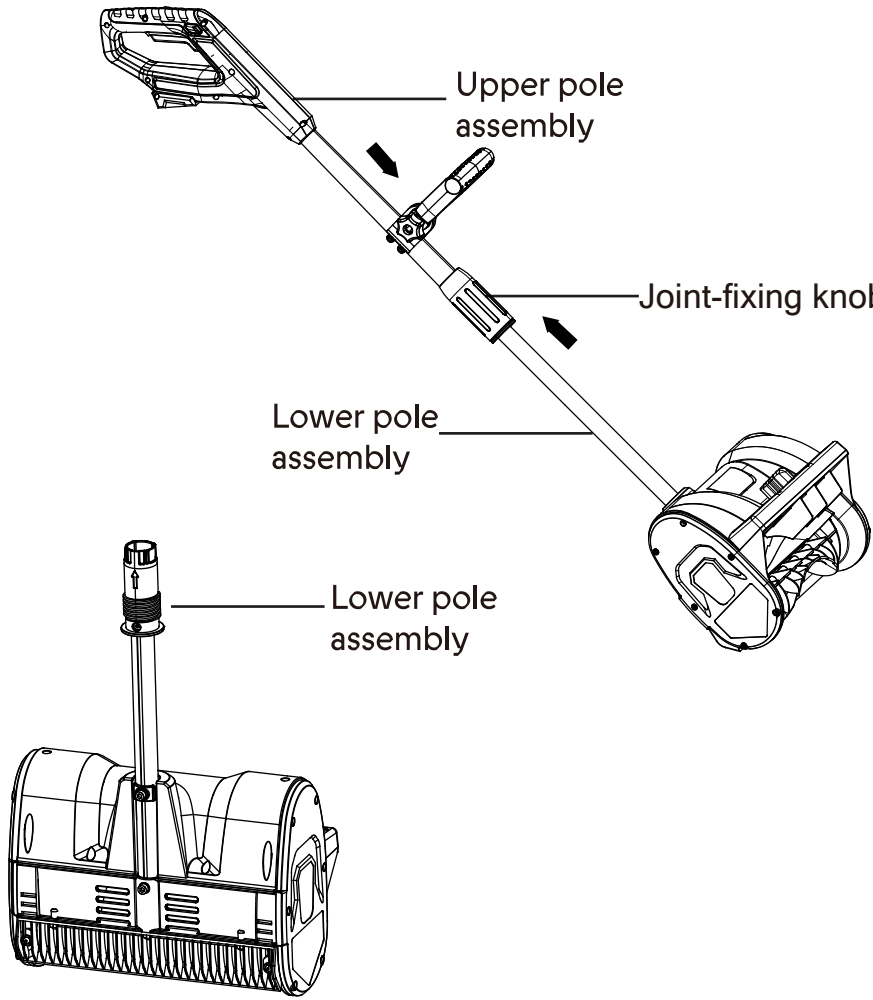


CONNECTING THE POLES

1. Ensure that both the upper pole and lower pole are properly aligned and ready for installation.

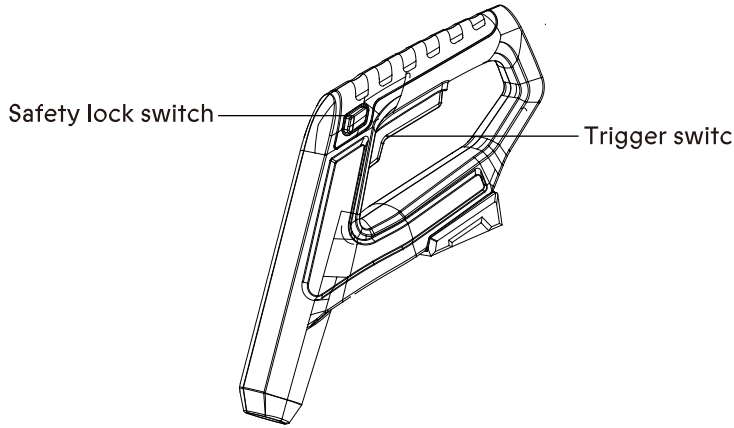
2.Assemble the upper pole and lower pole with the joint-fixing knob.

NOTE: You may have to carefully move the wiring inside the tube to one side if it. Blocks the path of the bolt.



Starting the machine

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.



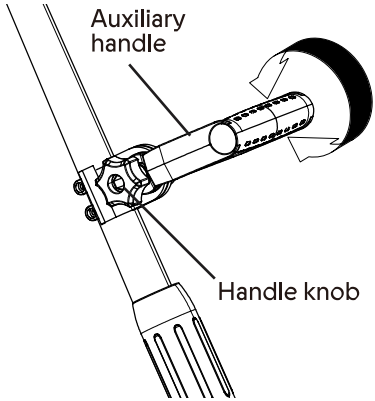
To stop the cordless snow shovel, release the trigger switch.

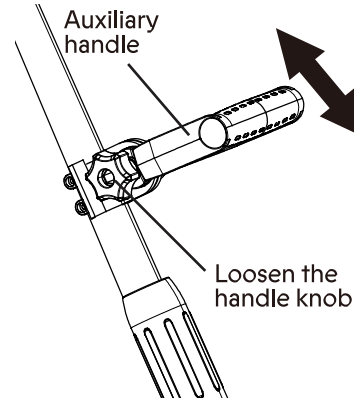
Handle adjustment

To adjust the angle 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 auxiliary handle by turning the handle knob counterclockwise Rotate the auxiliary handle to a comfortable position.





3. Fix the handle by tightening the handle knob. Insert the battery and resume working
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.

Operating Tips

1. 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.

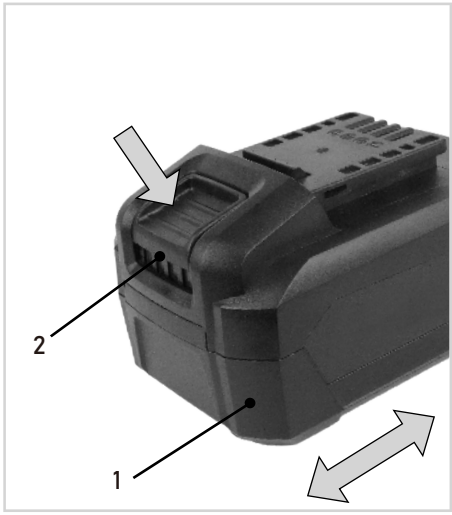
2. Direct the snow discharge to the right or to the left by holding the cordless snow shovel at a slight angle.

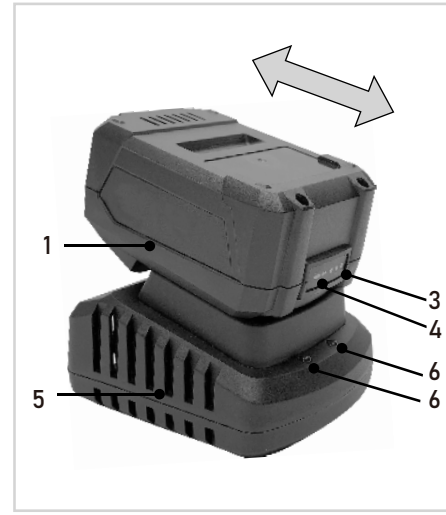
3. To remove snow most efficiently, throw the snow downwind and slightly overlap each swath.
4. This cordless snow shovel cuts a path 12"/305mm wide and up to 5.11"/ 103mm deep.

5. When clearing deeper drifts, hold the cordless snow shovel by the upper and lower handles and use a swinging or sweeping motion.

6. Remove the battery after using the cordless snow shovel. Hang the shovel so it will not be misplaced or damaged.

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

- Fully charging the 2Ah battery may take up to 60 minutes.
- Fully charging the 4Ah battery may up to 120 minutes.

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.

WARRANTY

Ningbo Winbay Technology Co.,Ltd. (Hereinafter referred to as Babytec) warrants this product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR 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, Babytec 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 Babytec, 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 Babytec's property. When a store credit is given, the original product must be returned to Babytec and becomes Babytec's property.
To obtain warranty service, e-mail Babytec 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**

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

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