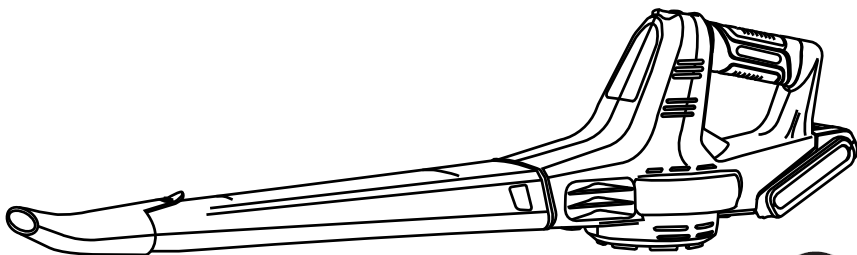


# **20V+**

LITHIUM-ION

## **CORDLESS BLOWER**



**Thank you for choosing Westinghouse!  
PLEASE READ BEFORE RETURNING  
THIS PRODUCT FOR ANY REASON.**

If you have a question or experience a problem with your Westinghouse purchase, call us at 855-944-3571 to speak with an agent.

**USE THESE BATTERIES FOR 20V WESTINGHOUSE TOOLS ONLY  
SAVE THIS MANUAL FOR FUTURE REFERENCE.**

### **HOW TO REGISTER YOUR WESTINGHOUSE PRODUCT**

To register your new product, call 855-944-3571 or visit

**[www.westinghouseoutdoorpower.com/register](http://www.westinghouseoutdoorpower.com/register)**

**MAKE SURE TO HAVE SERIAL NUMBER ON HAND**

## SAFETY GUIDELINES - DEFINITIONS

It is important to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

**⚠ DANGER:** Indicates an imminently hazardous situation which, if not avoided will result in death or serious injury.

**⚠ WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**NOTICE:** Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

## DISCLAIMERS:

All information, illustrations and specifications in this manual are based on the latest information available at the time of publishing. The illustrations used in this manual are intended as representative reference views only. Moreover, because of our continuous product improvement policy, we may modify information, illustrations and/or specifications to explain and/or exemplify a product, service or maintenance improvement. We reserve the right to make any change at any time without notice. Some images may vary depending upon which model is shown.

## ALL RIGHTS RESERVED:

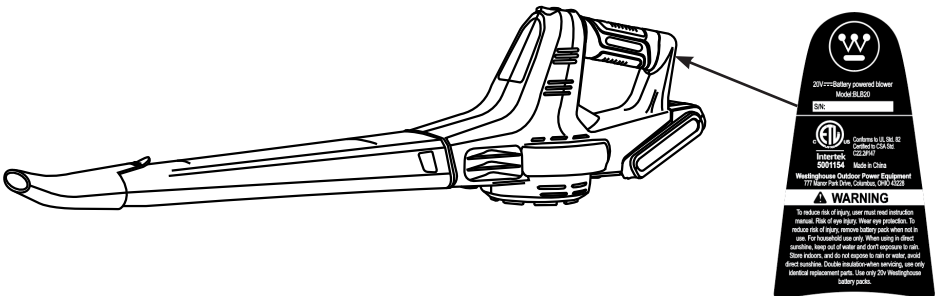
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**⚠ DANGER:** This manual contains important instructions for operating this product. For your safety and the safety of others, be sure to read this manual thoroughly before operating the battery/charger. Failure to properly follow all instructions and precautions can cause you and others to be seriously hurt or killed.

## BLOWER SPECIFICATIONS












Model	Part Number	Motor	Air Speed	Air Volume	Works with Battery
Westinghouse 20V Cordless Blower	BLB20	20V DC	134 MPH	3270 CFM	LBC202, LBC204

**WHERE IS MY SERIAL NUMBER?** Serial number on this product is located on back of handle.



# SAFETY SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

Symbols	Name	Designation/Explanation
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
min	Minutes	Time
	Alternating Current	Type of current
	Direct Current	Type or a characteristic of current
/min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations
	Read the Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Eye Protection	Always wear eye protection with side shields marked to comply with ANSI Z87.1 when operating this equipment.
	Safety Alert	Precautions that involve your safety.
	Long Hair	Failure to keep long hair away from the air inlet could result in personal injury.
	Loose Clothing	Failure to keep loose clothing from being drawn into air intake could result in personal injury.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.
	Blower Tubes	Do not operate without tubes in place.
	Impeller Blades	Rotating impeller blades can cause severe injury.

# SAFETY INFORMATION

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## IMPORTANT SAFETY WARNINGS & INSTRUCTIONS

### **⚠ WARNING: TO REDUCE RISK OF INJURY:**

- Before any use, be sure everyone using this unit reads and understands all safety instructions and other information contained in this manual.
- Save these instructions and review frequently prior to use and in instructing others.
- Do not point unit discharge at self or bystanders.
- Keep long hair and loose clothing away from openings and moving parts.

**⚠ WARNING:** When using an electric tool, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following.

**⚠ WARNING:** When using blower be aware of your surroundings. Dust generated by your surrounding has the potential of containing harmful chemicals such as: compounds in fertilizers, compounds in insecticides, herbicides and pesticides, arsenic and chromium from chemically treated lumber. To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

## GENERAL SAFETY WARNINGS FOR BLOWER BEFORE USING

- Use extra care when cleaning on stairs.
- **DO NOT** use on wet surfaces.
- **DO NOT** allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments. Do not use with a damaged plug. If the tool is not working as it should, or if it has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.
- When using in direct sunshine, keep out of water.
- **DO NOT** expose to rain when operating the machine.
- Store indoors. Do not expose to rain or water. Avoid direct sunshine.

## WHEN USING

- Never allow children to operate the equipment. Never allow adults to operate the equipment without proper instruction.
- Do not operate power tools in an explosive atmosphere, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks that may ignite the dust of fumes.
- For household use only.
- Wear eye protection that is marked to comply with ANSI Z87.1 when operating this product.
- Use only 20V Westinghouse batteries (LBC202/LBC204).
- Use only Westinghouse charger (Model JLH482102000U1).
- **DO NOT** operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Keep all parts of your body away from any moving parts and all hot surfaces of the unit.
- Do not put any object into openings. Do not use with any opening blocked. Keep openings free of dust, lint, hair, and anything that may reduce air flow.
- Check the work area before each use. Remove all objects that can be thrown or become entangled in the machine, such as rocks, broken glass, nails, wire, or string.

# SAFETY INFORMATION

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- Use only identical manufacturer's replacement parts and accessories. Use of any other parts may create a hazard or cause product damage.
- Keep all bystanders, children, and pets at least 50 ft. (15 m) away.
- Do not operate the equipment while barefoot or when wearing sandals or similar lightweight footwear.
- Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.
- Secure long hair so it is above shoulder level to prevent entanglement in any moving parts.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance.

## GENERAL SAFETY WARNINGS AND INSTRUCTIONS FOR ALL TOOLS

- **A BATTERY OPERATED UNIT** with integral batteries or a separate battery pack must be re-charged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- **USE BATTERY OPERATED UNIT ONLY** with Westinghouse 20V battery pack. Use of any other batteries may create a risk of fire.
- **AVOID** accidental starting. Be sure switch is in the off position before inserting battery pack. Carrying units with your finger on the switch or inserting the battery pack into a unit with the switch on invites accidents.
- **DO NOT** use unit if switch does not turn it on or off. A unit that cannot be controlled with the switch is dangerous and must be repaired.
- **DISCONNECT** battery pack from unit or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the unit. Such preventative safety measures reduce the risk of starting the unit accidentally.
- **ALWAYS WEAR EYE PROTECTION** – Wear safety glasses or goggles at all times when this unit is in use. Also use face or dust mask.
- **DO NOT** place outlet of sweeper near eyes or ears when operating.
- **STORE IDLE UNITS.** When not in use, the unit should be stored in a dry, high or locked-up place - out of reach of children.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **MAINTAIN UNIT WITH CARE.** Keep unit clean for best and safest performance. Follow instructions for proper maintenance.
- **DO NOT** attempt to repair the sweeper. To assure product safety and reliability, repairs, maintenance, and adjustments should be performed by Westinghouse service centers or authorized service centers, always using Westinghouse replacement parts.
- **DO NOT** operate sweeper in a gaseous or explosive atmosphere. Motors in these units normally spark, and the sparks might ignite fumes.
- **AVOID DANGEROUS ENVIRONMENTAL CONDITIONS** – Do not use electric units in damp or wet locations. Don't use the unit in the rain.
- **STAY ALERT** - Watch what you are doing. Use common sense. Do not operate unit when you are tired.
- **USE THE RIGHT UNIT** – Do not use this unit for any job except that for which it is intended.
- **USE EXTRA CARE** when cleaning on stairs.
- **DO NOT** allow to be used as a toy. Close attention is necessary when used by or near children. Not recommended for use by children.

# SAFETY INFORMATION

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- **DO NOT** attempt to clear clogs from unit without first removing battery.
- **USE ONLY** as described in this manual. Use only manufacturer's recommended attachments.
- **DO NOT** put any objects into openings. Do not use with any opening blocked; keep free of dust, lint, hair and everything that may reduce air flow.
- **KEEP** hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- **DO NOT** immerse any part of the unit in liquid.
- **DO NOT** handle charger, including charger plug, and charger terminals with wet hands.
- **KEEP CHILDREN, BYSTANDERS AND ANIMALS AWAY** from the work area a minimum of 30 feet (10 meters) when starting or operating the unit.
- **INSPECT THE AREA** before using the unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.
- **USE ONLY** charger supplied by the manufacturer to recharge.
- **EXERCISE CARE** in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
- **DO NOT OPEN OR MUTILATE** the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- **DO NOT CHARGE** the unit outdoors.

**⚠ WARNING:** To reduce the risk of electrical shock; do not expose to rain, do not use on wet surfaces. Store indoors.

## IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CHARGERS

**⚠ WARNING:** Shock hazard. Do not allow any liquid to get inside charger.

**⚠ CAUTION:** Burn hazard. To reduce the risk of injury, charge only designated Westinghouse batteries. Other types of batteries may burst causing personal injury and damage.

**⚠ CAUTION:** Under certain conditions, with the charger plugged in to the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.

- **DO NOT** attempt to charge the battery pack with any chargers other than the ones in this manual. The charger and battery pack are specifically designed to work together.
- These chargers are not intended for any uses other than charging designated Westinghouse rechargeable batteries. Any other uses may result in risk of fire, electric shock or electrocution.
- **DO NOT** expose charger to rain or snow.
- Pull by plug rather than cord when disconnecting charger. This will reduce risk of damage to electric plug and cord.
- Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- **DO NOT** use an extension cord unless it is absolutely necessary. Use of improper extension cord could result in risk of fire, electric shock, or electrocution.
- **DO NOT** operate charger with damaged cord or plug — have them replaced immediately.
- **DO NOT** operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way. Take it to an authorized service center.

# SAFETY INFORMATION

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- **DO NOT** disassemble charger; take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.
- **NEVER** attempt to connect 2 chargers together.
- The charger is designed to operate on standard household electrical power (120 Volts). Do not attempt to use it on any other voltage.
- An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
  - a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
  - b. That extension cord is properly wired and in good electrical condition; and
  - c. That wire size is large enough for AC ampere rating of charger as specified below:

Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

## IMPORTANT SAFETY INSTRUCTION FOR BATTERY PACKS

**⚠ WARNING:** For safe operation, read this manual and manuals originally supplied with tool before using the charger. The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

## READ ALL INSTRUCTIONS

- **DO NOT** incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire. Toxic fumes and materials are created when battery packs are burned.
  - **DO NOT** charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Inserting or removing the battery from the charger may ignite the dust or fumes.
  - If battery contents come into contact with the skin, immediately wash area with mild soap and water. If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte for Lithium-Ion batteries is composed of a mixture of liquid organic carbonates and lithium salts.
  - Contents of opened battery cells may cause respiratory irritation. Provide fresh air. If symptoms persist, seek medical attention.
- ⚠ WARNING:** Burn hazard. Battery liquid may be flammable if exposed to spark or flame.
- Charge the battery packs only in Westinghouse chargers.
  - **DO NOT** splash or immerse in water or other liquids. This may cause premature cell failure.
  - Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (40°C) (such as outside sheds or metal buildings in summer).

**⚠ WARNING:** Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to service center for recycling.

# SAFETY INFORMATION

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**⚠ WARNING:** Fire hazard. Do not store or carry battery so that metal objects can contact exposed battery terminals. For example, do not place battery in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like. The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes (i.e., packed in suitcases and carry on luggage) UNLESS they are properly protected from short circuits. So when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit. **NOTE:** Lithium-Ion batteries should not be put in checked baggage.

## STORAGE RECOMMENDATIONS

1. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold.
2. Long storage will not harm the battery pack or charger.

## CHARGING PROCEDURE:

Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them before first use. If the charger does not charge your battery pack under normal circumstances, return both the battery pack and charger to your nearest repair center for electrical check

Charge time varies and is dependent upon the amp hour capacity of battery pack.

- Make sure the power supply is normal household voltage, 120 volts, AC only, 60 Hz.
- Connect the charger to a power supply.
- Attach the battery pack to the charger by aligning the raised ribs on the battery pack with the grooves in the charger, then slide the battery pack onto the charger.
- Press down on the battery pack to be sure contacts on the battery pack engage properly with contacts in the charger.
- Do not place the charger in an area of extreme heat or cold. It will work best at normal room temperature.
- The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- After charging is complete, the green LED will remain on.
- To remove the battery pack from the charger, pull up on the battery pack.

## IMPORTANT CHARGING NOTES

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65°F and 75°F (18°- 24°C). **DO NOT** charge the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.

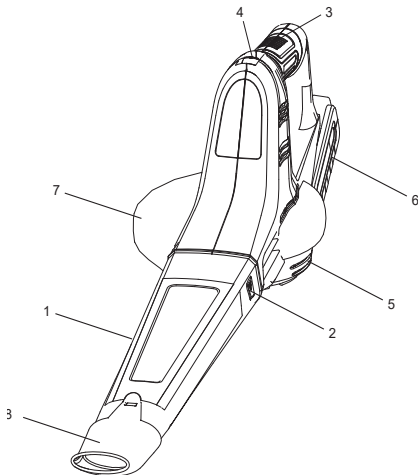


# SAFETY INFORMATION

3. If the battery pack does not charge properly:
  - a. Check current at receptacle by plugging in a lamp or other appliance
  - b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
  - c. Move charger and battery pack to a location where the surrounding air temperature is approximately 65°F - 75°F (18° - 24°C).
  - d. If charging problems persist, take the tool, battery pack and charger to your local service center.
4. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. **DO NOT CONTINUE** to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse affect on the battery pack.
5. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
6. Do not freeze or immerse the charger in water or any other liquid.

**⚠ WARNING:** Do not allow any liquid to get inside charger. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.

## FEATURES



### Description of the parts

1. Blow tube
2. Blow tube connection pin
3. Handle
4. On/off switch
5. Air Vents
6. Battery location
7. Main body
8. Nozzle mouth
9. Battery interlock

This product can accept any of the batteries and chargers listed in the chart below:

Westinghouse 20V Lithium-Ion Packs and Chargers

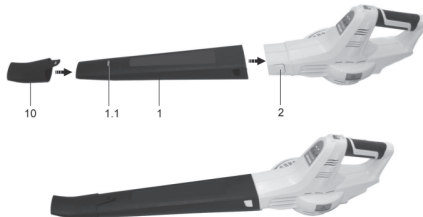
Description	Part number
20V Batteries: LI-ION	LBB 202, LBB 204
Chargers	CGB202US

# ASSEMBLY

## INSTALLING BLOW TUBE

**⚠ WARNING:** Do not use the device until the blow tube has been properly mounted on the blower housing.

Slightly push the nozzle mouth (10) to the tube (1) until the lockpin (1.1) lock into the hole of the nozzle mouth, then slide the tube (1) to the main body until with the main body pin (2) lock into the tube.

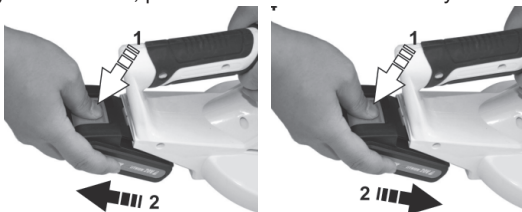


## INSTALLING AND REMOVING THE RECHARGEABLE BATTERY

**⚠ WARNING:** Always switch the tool off before you insert or remove the rechargeable battery.

If you want to remove the rechargeable battery from the tool, press the interlock of the battery

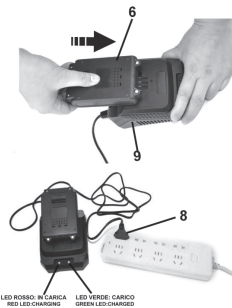
and pull the it from the tool To insert the rechargeable battery in the tool, first line up the base of the rechargeable battery with the guide on the housing. Then push the rechargeable battery firmly into the tool until hear the locking click into place. If the rechargeable battery is not locked into place, you or other persons may be injured.



## CHARGING BATTERIES WITH RAPID CHARGER

**⚠ WARNING:** Only use 20V Westinghouse rechargeable battery packs and Westinghouse 2A Rapid Charger.

1. Plug the charging device (8) into the mains socket.
2. Make sure that the mains voltage cited on the charging station complies with the voltage supplied by your socket. The green light on the right side of the charging station will blink.
3. Slide the rechargeable battery (6) into the charging station. It can only be inserted in one position.
4. The battery charging process now begins and is signaled by the red indicator light on the charging station (9). The 4 green LEDs on battery (6) light up in turn.
5. Once the rechargeable battery has been fully charged, the green indicator light on the charger will illuminate (9) and red LED turns off. The charging process ends automatically.
6. Charging takes approx. 1-1.2 hours. The battery heats up during the charging process. This is normal and does not signal a fault. Do not let battery remain on charger for more than 5 hours.



**Note:** Occasionally, the permissible temperature range may be exceeded during the charging cycle. In this case, the electronic charging control interrupts the charging cycle to avoid any damage to the battery. The red control light will then glow continuously. If you should witness this, pull the battery from the charging station and let it cool down for about 30 minutes. Then, restart the charging cycle by sliding the battery back onto the charging station.

# OPERATION

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## BEFORE OPERATING

**⚠ CAUTION:** Always wear safety glasses. Wear a filter mask if the operation is dusty. Use of gloves, long pants and substantial footwear is recommended. Keep long hair and loose clothing away from openings and moving parts. **THIS SWEEPER IS FOR HOUSEHOLD USE ONLY.**

- Before setting the device into operation, always check that all parts are connected properly.
- Examine the work area before starting work. Use a rake or broom to remove all objects or wastes which could be hurled away by the leaf blower.
- If needed, lightly moisten dusty ground.

## BLOWING FUNCTION

1. Switch on the device by sliding the power button towards you.
2. Hold the sweeper with one hand as shown and sweep from side to side with the nozzle several inches above the ground. Slowly advance keeping the accumulated pile of debris in front of you.
3. Blow waste material into a heap.
  - Do not direct the air jet into the middle of the waste heap.
  - Adjust the blowing power to the requirements.
  - Make sure the air jet is not directed at children, pet animals, open windows or automobiles.
  - Always keep the ventilation slots free during operation to prevent overheating.
  - Do not use the device on wet ground.
4. Clean the device after working.



# CARE AND MAINTENANCE

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**⚠ WARNING:** Always remove the rechargeable battery from the device before all work.

- Replace all damaged or worn parts to ensure the leaf blower is always ready for safe operation.
- Clean ventilation slots and openings with a brush.
- **DO NOT** use any solvents or cleaning agents containing chemicals which could damage the plastic parts. Wipe the housing clean with a cloth.
- Always store the leaf blower in a dry, frost-free location beyond the reach of children.
- Store and charge your rechargeable batteries at a cool location. Temperatures above or below normal room temperature shorten the lifespan of the rechargeable batteries.
- Do not store rechargeable batteries when discharged. Wait until the rechargeable battery has cooled down and charge it completely.
- Rechargeable batteries gradually lose their charge. The higher the temperature, the quicker they lose their charge. For longer storage periods, recharge the rechargeable battery every one or two months. This will extend the lifespan of the rechargeable battery.

# TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Unit will not start.	Battery not installed properly	Check battery installation
	Battery not charged	Check battery charging requirements
Battery will not charge	Battery not inserted into charger	Insert battery into charger until red LED appears
	Charger not plugged in	Plug charger into a working outlet. Check current at receptacle by plugging in a lamp or other appliance. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
	Surrounding air temperature too hot or too cold	Move charger and tool to a surrounding air temperature of above 40 degree F (4.5°C) or below 105 degree F (+40.5°C).

## BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.



**⚠ WARNING:** Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-ion batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.





**WestinghouseOutdoorPower.com**

**Service Hotline: (855) 944-3571**

**777 Manor Park Drive Columbus, OH 43228**

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