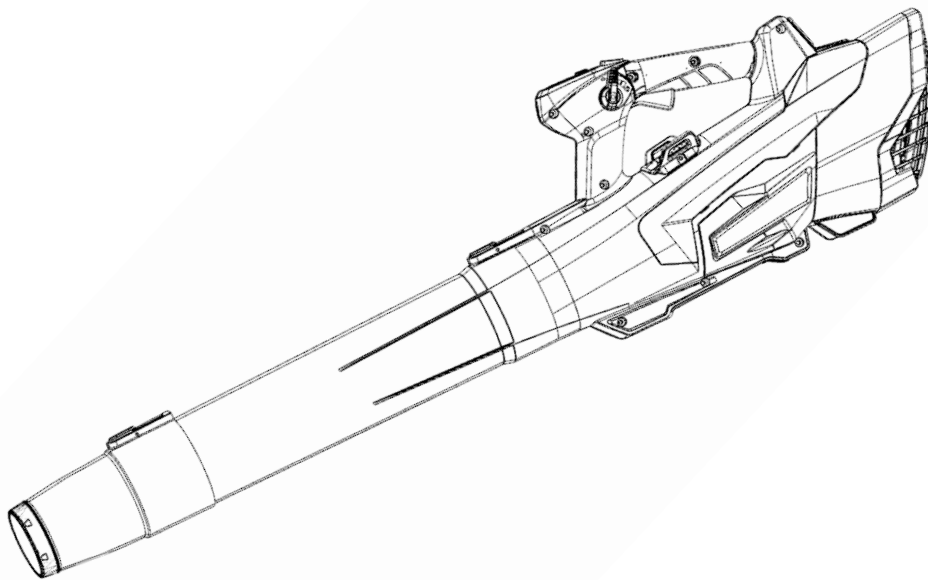




OPERATOR'S MANUAL

**60V Lithium-Ion Cordless Commercial Series
Handheld Blower**



Model number:

CBL7614

Battery and Charger Sold Separately

⚠ WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.

READ ALL INSTRUCTIONS!



READ & UNDERSTAND OPERATOR'S MANUAL



WARNING:

Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

Your risk from these exposures varies, depending on how often you do this type of work.

To reduce your exposure to these chemical: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.



WARNING:

Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as "DANGER," "WARNING," and "CAUTION" before using this tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.



SYMBOL MEANING SAFETY ALERT SYMBOL:







Indicates DANGER, WARNING, OR CAUTION. May be used in conjunction with other symbols or pictographs.




WARNING:

The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.

SAFETY INSTRUCTIONS

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

	Safety Alert	Indicates a potential personal injury hazard.
	Read & Understand Operator's Manual	To reduce the risk of injury, user must read and understand the operator's manual before using this product. Failure to do so can result in serious injury to the operator and/or bystander.
	Wear Eye Protection	Wear ear protection when using the product.
	Wear Head Protection	Wear head protection when using the product.
	Wear Gloves	Wear gloves when using the product.
	Wear Boots	Wear slip-resistant footwear when using the device.

	Do not expose to rain	Do not expose to rain.
	Safe distance	Keep other people out of working area during operation. The distance between the machine and bystanders should be at least 15 meters.
		Take the replaceable battery from the appliance before any extension, cleaning and servicing works
V	Volt	Voltage
----	Direct Current	Type or a characteristic of current
n 0	No-Load Speed	Rotational speed, at no load
CFM		Air volume
MPH		Air speed
cm	Centimeter	Length or size
mm	Millimeter	Length or size
in.	Inch	Length or size
kg	Kilogram	Weight
lb	Pound	Weight

GENERAL BATTERY-OPERATED POWER TOOL

SAFETY WARNINGS

WARNING:

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

WORK AREA SAFETY

- **Keep 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.
- **Avoid Dangerous Environment** - Don't use appliances in damp or wet locations.

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.
- **Always use personal protective equipment.** Personal protective equipment such as eye protection, dust mask, non-skid safety shoes, hard hat and/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 the 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 moving 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 and clothing away from moving parts.** Loose clothes, 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.** Use of dust collection can reduce dust-related hazards.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

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.
- **Remove the battery pack, if detachable, from the power tool and/or activate any battery disabling device before clearing jammed material, making any adjustments, changing accessories, cleaning, 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 and accessories. 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 and accessories.
- **Keep cutting tools sharp and clean.**
Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories, 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.

■ **Keep handles and grasping surfaces dry, clean and free from oil and grease.**

Slippery handles and grasping surfaces may lead to unsafe handling and/or loss of control of the tool.

■ **Keep cables away from the working area of the tool.** During operation cables may be hidden from view and can be accidentally damaged by the tool

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. Use only with the battery packs and chargers listed below.

BATTERY PACK	CHARGER
BP7615 BP7625	CG768U CGB6055U (use with adapter AD7625)
LBC60140 LBC60280	CGB6055U CG768U (Use with single battery harness AH7608)

■ **Use power tools only with specifically designated battery packs.**

Use of any other battery packs may create a risk of injury and fire.

■ **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.**

Shorting the battery terminals together may cause burns or a fire.

■ **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contact 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 behavior 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 212 °F (100°C) may cause explosion.
- **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.

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

SAFETY INSTRUCTIONS FOR BLOWER

- Operate the appliance only in daylight or in good artificial light.
- Keep all cooling air inlets clear of debris.
- Never blow debris in the direction of bystanders.
- Before starting the machine, make certain that the tube inlet is empty.
- Keep your face and body away from the air intake opening.
- Do not allow hands or any other part of the body or clothing inside the tube inlet, discharge chute, or near any moving part.
- Inspect unit to ensure no foreign material/ debris is in the machine prior to operation.
- Never operate the machine with defective guards or shields, or without safety devices or if the cord is damaged or worn.
- Do not overreach. Keep balance at all times, and always be sure of the footing on slopes.

Walk, never run.

- Stop the machine and remove the battery. Make sure that all moving parts have come to a complete stop, whenever the machine is left by the user before clearing a blockage before checking, cleaning or working on the machine after striking a foreign object to inspect the machine for damage
- If the machine starts to vibrate abnormally, inspect for damage replace or repair any damaged parts check for and tighten any loose parts.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Use extra care when cleaning on stairs.

IMPORTANT SAFETY INSTRUCTIONS

- If the power tool should start to vibrate abnormally or become noisy, stop the motor and check immediately for the cause. Abnormal noise is generally a warning of trouble.
- Make sure all proper guards and other safety devices are properly and securely attached before using this product. Do not operate without guards in place.
- Do not charge the battery pack in rain, or in wet locations.
- Do not dispose of the battery in a fire.

The cells may explode. Check with local codes for possible special disposal instructions.
- Do not open or mutilate the battery.

Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards even when the tool is not operating.

Take care when performing maintenance or service.
- Do not wash with a hose; avoid getting water in motor and electrical connections.
- If situations occur that are not covered in this manual, use care and good judgment.

Contact the Customer Service Center for assistance.
- **SAVE THESE INSTRUCTIONS.** Refer to them frequently and use them to instruct

others who may use this tool. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.

SAVE THESE INSTRUCTIONS!

SPECIFICATIONS

Model number	CBL7614
Motor Power	1900W (max)
Voltage	60V
Max Air speed	95 m/s (210 MPH)
Max Air Volume	1400m ³ /h (830 CFM)
Blowing force	28N max

PACKING LIST

PART NAME	QUANTITY
Blower	1
Blower Tube	1
Nozzle	1
Operator's Manual	1

DESCRIPTION

KNOW YOUR BLOWER (Fig. 1)

The safe use of this product requires an understanding of the information on the tool and in this operator's manual, as well as knowledge of the project you are attempting. Before using this product, familiarize yourself with all operating features and safety rules.

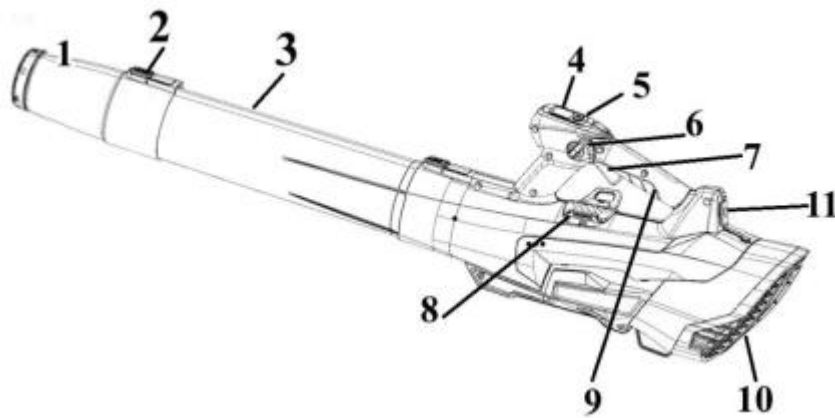


Fig. 1

1. Nozzle	7. Trigger
2. Nozzle release button	8. Carrying ring
3. Blower tube	9. Carry handle
4. MCDU	10. Air inlet
5. Turbo button	11. Battery socket
6. Cruise control lever	

Nozzle

Directs and concentrates the airstream.

Blower Tube

Directs the airstream.

MCDU (Multi Control Display Unit)

Control the ON and OFF of the unit, monitor the remaining capacity of battery, total working time, error type, and maintenance reminding.

Cruise control lever

Starts or stops the blower; locks the blower at any speed

Trigger

The trigger is for variable speed , on and off control of the blower

Carry Handle

For operating, controlling and carrying the blower.

Carrying Ring


For attaching carrying system.

Turbo button


Amplify the air velocity to the maximum


BATTERY SOCKET


Directly insert the battery package.

 **WARNING:** Never operate the tool without the guard firmly in place. The guard must always be on the tool to protect the user.

ASSEMBLY

 **WARNING:** If any part is damaged or missing, do not operate this product until the part is replaced. Use of this product with damaged or missing parts could result in serious personal injury.

 **WARNING:** Do not attempt to modify this product or create accessories not recommended for use with this blower. Any such alteration or modification is misuse and could result in a hazardous condition leading to possibly serious personal injury.

 **WARNING:** To prevent accidental starting that could cause serious personal injury, always remove the power plug /battery pack from the tool when assembling parts, making adjustments, cleaning, or when not in use.

UNPACKING

- This product requires assembly.
- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

- Inspect the tool carefully to make sure that no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any part is damaged or missing, please return the product to the place of purchase.

MOUNTING AND REMOVING THE BLOWER TUBE

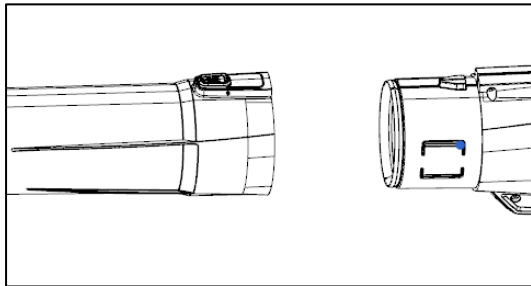


Fig 2

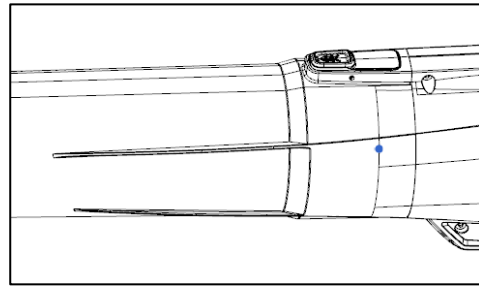


Fig 3

1. Switch off the blower and pull out the plug-in cable plug.
2. Align the tube with the lug on the blower housing (Fig 2). Push the tube onto the blower housing until the latch snaps into place(Fig 3).
3. To remove the tube, press and hold the tube release button to disengage the latch, then pull the tube from the blower.

MOUNTING AND REMOVING THE BLOWER NOZZLE

1. Switch off the blower and pull out the plug-in cable plug.
2. Align the nozzle with the lug on the blower tube (Fig 4). Push the nozzle onto the blower tube until the latch snaps into place(Fig 5).
3. To remove the nozzle, press and hold the nozzle release button to disengage the latch, then pull the nozzle from the blower tube.

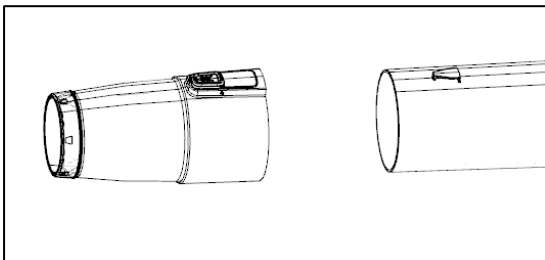


Fig 4

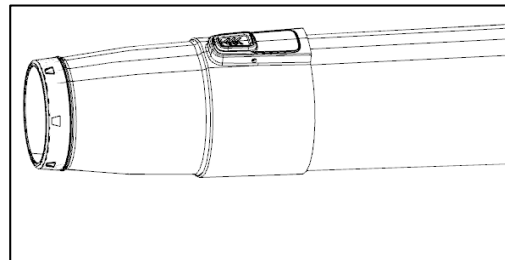


Fig 5

OPERATION



WARNING:

Make sure the blower tube is in position before operation



WARNING:

Always wear eye protection that is marked to comply with ANSI Z87.1. or EN 166. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.



WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.



WARNING:

To prevent serious personal injury, remove the power plug/battery pack from the tool before servicing, cleaning, changing attachments or removing material from the unit.

APPLICATION

You may use this product for the purposes of blow-sweeping leaves, grass, paper and similar Matter.

CONNECTING WITH/ DISCONNECTING FROM THE BATTERY

NOTE: Fully charge the battery pack before first use.

This blower has a quick plug-in battery package connection. Please use it with the battery

and charger listed above on Battery Tool Use and Care section.

The battery is not included in the packing ,both being sold separately.

To Connect and disconnect with the Battery

Align the battery plug with the tool 's electric socket, then insert the plug into the tool (Fig 6).

When removing the cable plug, grip the cable plug with your hands, then pull the plug out of the socket (Fig 7).

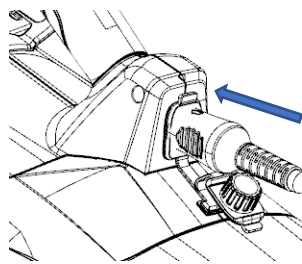


Fig 6

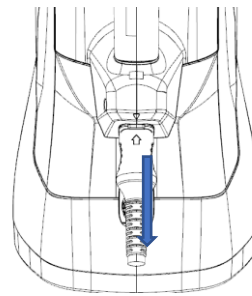


Fig 7

HOLDING AND USING THE BLOWER



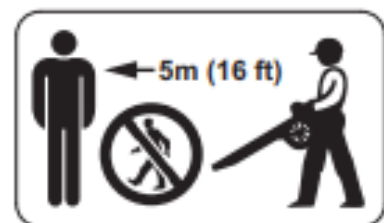
WARNING:

Dress properly to reduce the risk of injury when operating this tool. Do not wear loose clothing or jewelry. Wear eye and ear/hearing protection. Wear heavy-duty, long trousers, boots and gloves. Do not wear short trousers, sandals or go barefoot. Wear a face mask or dust mask in dusty locations.

Before operating, look around you to ensure a safe working area without other people or animals. Make sure that others are at least 16 ft.(5m) away.

Remove all objects, such as rocks, broken glass, nails, wire, or string. Dust can be whipped up during operation: Whipped up dust can damage the respiratory passages and cause allergic reactions. If dust is generated: Wear a dust respirator

mask. Check that you have eye protection, proper clothing and balanced footing. There still may be risk to bystanders from thrown objects. Bystanders should be encouraged to wear eye



protection. If they are approached, stop the motor immediately.

► Hold and control the blower with one hand on the carry handle - wrap your thumb around the handle (Fig 8).

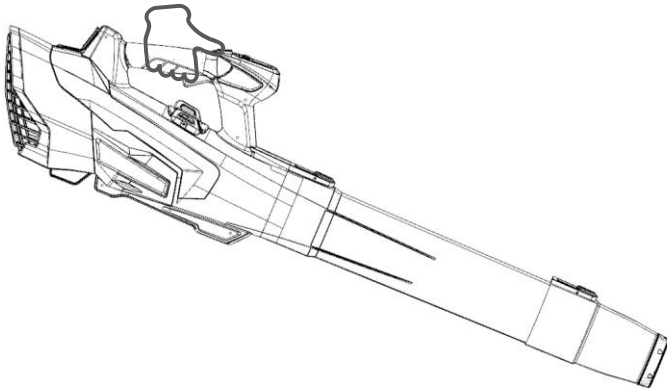



Fig 8

STARTING/STOPPING THE BLOWER

To Start

1. Press the power button “  ” on Multi Control Display Unit to light the screen (Fig 9).
2. Depress the trigger to turn on the blower. The air speed of the blower is controlled with the variable speed trigger. More pressure on the trigger results in higher blowing speeds; less pressure on the trigger results in lower blowing speeds. Adjust the speed to suit the task at hand. Release the air-speed trigger to turn off the blower
3. The blower can be locked at any speed with cruise control lever (Fig 10)
 - (1) Turn the cruise control lever clockwise to start the blower. The air speed will increase as the lever is rotated clockwise.
 - (2) To decrease the air speed, turn the cruise control lever counterclockwise.
 - (3) Keep turning the cruise control counterclockwise to the off position to stop the blower
4. The blower can provide maximum air speed when depressing the turbo button (Fig 9).

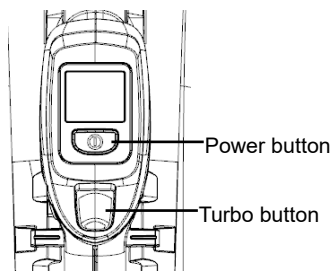


Fig 9

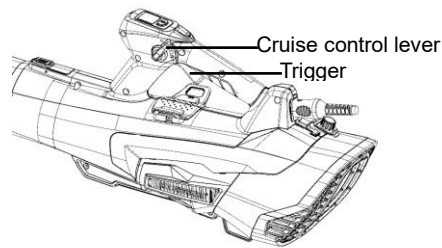


Fig 10

SWITCHING OFF THE BLOWER

1. Release the trigger
2. Press the power button on MCDU to shut down the tool to avoid accidental starting.

! WARNING:

Always remove the battery from the tool during work breaks and after finishing work.

! WARNING:

Never use water for cleaning your blower. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents.

Use clean clothes to remove dirt, dust, oil, grease, etc.

! WARNING:

Make sure that the display screen is OFF before next use to avoid serious personal injury.

! WARNING:

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by an authorized dealer/distributor.

! WARNING:

To avoid serious personal injury, always remove the power cord from the product when cleaning or performing any maintenance.

All service, other than the items listed in these maintenance instructions, should be performed by an authorized dealer/distributor.

MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease, etc.



WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic, which may result in serious personal injury.



WARNING:

When cleaning the tool, DO NOT immerse it water or other liquids.

CLEANING

- Remove the power plug from the tool.
- Clean blower with a damp cloth.
- Clean vents with a paintbrush.
- Clean the shield with a paintbrush or soft brush.

TRANSPORTING AND STORING

- Clean the tool thoroughly before storing.
- Store the tool indoors, in a dry place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and deicing salts.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The blower doesn't work.	The cable plug is not attached to the blower correctly.	Attach the battery pack to the blower.
	No electrical contact between the blower and battery.	Remove battery, check contacts and reinstall the battery pack.
	The battery pack or blower is too hot.	Charge the battery pack.
	The battery pack is depleted.	Cool the battery pack and blower until their temperature drops below 50°.
The air velocity decreases obviously.	Excessive wearing of motor fan.	Remove the cable plug, clear the debris
	The air intake is blocked by debris. The air intake is blocked by debris.	Contact service center for repair

Error alarm indicator	Cause	Solution
E01	The controller voltage wrongly starting	Contact the service point for a professional consultant or repairing. Release the switch,and restart in the right way
E02	Over currency	Release the switch
E03	Low speed protection,blade blocked	Release the switch
E04	The controller temperature protection	Release the switch,wait the machine temperature cool down to normal
E05	The battery temperature protection	Restart the tool till the temperature
E06	Voltage problem	Stop the machine ,restart the machine, charge the battery pack with the specified charger Check if the right voltage battery pack is used.
E07	Short circuit on the motor	Contact the service point for a professional consultant or repairing.
E08	Phase loss fault	Contact the service point for a professional consultant or repairing.
E09	Other fault	Stop the machine ,restart the machine, if still not workable,contact with the service
E10	Battery fault	Use the right battery which compatible the machine
E11	MOS fault	Contact the service point for a professional consultant or repairing.
E20	UI fault	Contact the service point for a professional consultant or repairing.