

OPERATION MANUAL

G.FORCE[®]
EV MOW

**GARDEN
PRODUCTS**
60V
BLOWER

EV B1



WARNING!

Read this manual carefully before using your Blower and keep it in a safe place for future reference.

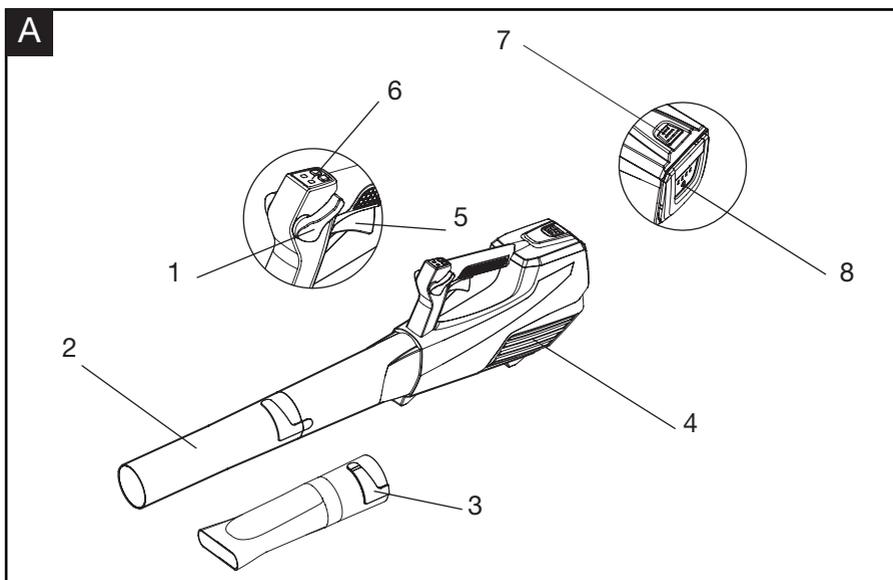


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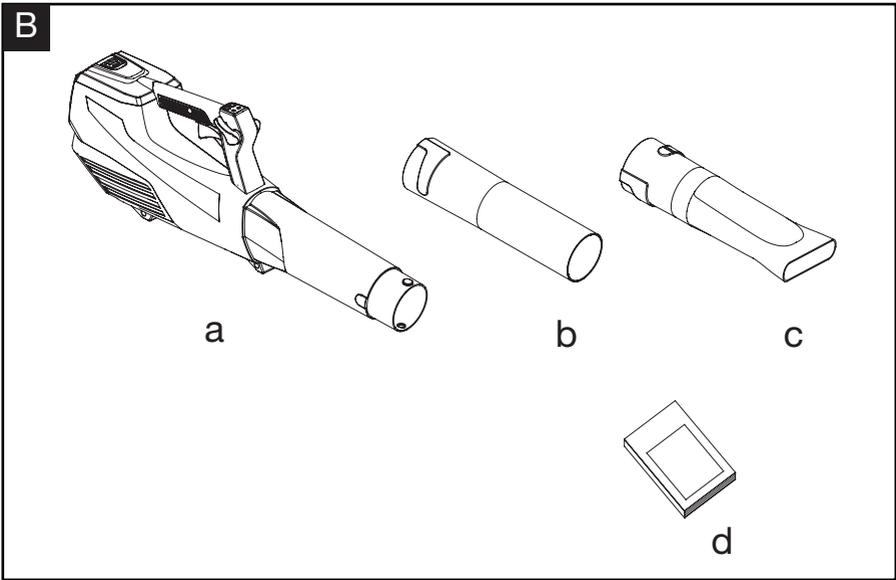
DESCRIPTION OF PRODUCT PARTS

Parts description (Fig. A)

1. On/off lock lever
2. Lower round tube
3. Lower flat tube
4. Air inlet
5. Trigger Switch
6. Control panel
7. Battery pack release button
8. Battery pack (not included)



PACKAGE CONTENT LIST



- A. 1 x Cordless blower
- B. 1 x Lower round tube
- C. 1 x Lower flat tube
- D. 1 x Instruction manual

- Remove all packing material.
- Check the completeness of the package content.
- Check the blower and its accessories for transportation damages.



WARNING: Packing materials are not toys! Children must not play with plastic bags! Danger of suffocating!



If any parts are missing or damaged, please contact your dealer.

TECHNICAL SPECIFICATIONS

Model number	EV CS1
Rated voltage	60 Vdc
Max. air speed	288 km/hr
Air flow rate	18000 L/min
Weight	2.6 kg

INTENDED USE

This blower is intended for use for blow-sweeping dry leaves, grass and yard debris. It is designed for domestic use, not for commercial or industrial use.



WARNING! Please read and understand this instruction manual before use and keep it for your future reference. Your power tool should only be passed on together with this instruction manual.



WARNING! To reduce the risk of injury, only use YARD FORCE battery packs. Other types of battery packs may burst causing personal injury and damage. The battery pack must be recharged only with the YARD FORCE battery charger.

SAFETY INFORMATION

The following symbols are used in this manual and/or on the Blower.

	Warning
	Read the instruction manual before using the appliance
	Wear ear protection
	Wear eye protection
	Wear breathing protection
	Wear protective gloves
	Keep bystanders away
	Sound power level label
	Dispose of the appliance according to the regulations and requirements of your local council
	Australian Regulatory Compliance Mark

GENERAL 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.

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

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) **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 risk of electric shock.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **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.
- e) **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.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- a) **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.
- b) **Use personal protective equipment. Always wear eye protection.**

Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - d) **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.
 - e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
 - g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
 - h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- 4) **Power tool use and care**
- a) **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.
 - b) **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.
 - c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.
 - d) **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.
 - e) **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.
 - f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - g) **Use the 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.

GENERAL SAFETY WARNINGS

- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6) Service

- a) **Have your 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.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

7) Safety warnings of blower

- a) Use personal protective equipment. Always wear eye protection and hearing protection. Protection equipment such as dust masks, non-skid safety shoes will reduce personal injuries.
- b) Never operate the blower when you are tired, sick or under the influence of alcohol or drugs.
- c) Keep the work area clean and well lit. Cluttered or dark areas invite accidents.
- d) Keep children and bystanders away while operating the blower. Distraction can cause you to lose control.
- e) Do not leave the blower unattended while it is running.
- f) Avoid unintentional starting. Do not carry the blower with your finger on the

- on/off switch if the battery pack is installed.
- g) Never direct the blower towards bystanders or pets.
 - h) Do not expose the blower to rain or wet conditions. Water entering the blower will increase the risk of electric shock.
 - i) Do not operate the blower in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
 - j) Do not overreach. Keep proper footing and balance at all times. This enables better control of the blower in unexpected situations.
 - k) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Always wear substantial footwear and long trousers while operating the blower.
 - l) Do not touch moving hazardous parts before the battery is disconnected and the moving hazardous parts have come to a complete stop.
 - m) Have your blower serviced by a qualified repair person using only identical replacement parts. This ensures that the safety of the blower is maintained.
 - n) Residual risks remain despite the inherent safe design measures, safeguarding and complementary protective measures adopted.

These include:

- Injuries caused by touching any rotating/moving parts.
- Injuries caused when changing any parts and accessories.
- Injuries caused by projected parts or tools that break during use.
- Damage to eyes and hearing if effective protections are not worn.



WARNING: Before performing any assembly and adjustment. Always ensure that the battery pack has been removed.

Assembling the lower tube onto the upper tube

1. Select the tube nozzle type – round or flat
 - Round nozzle for general blowing.
 - Flat nozzle for concentrated blowing
2. Aligning the slot on the lower tube with the tab on the upper tube. (Fig. C)
3. Push the lower tube onto the upper tube.
4. Twist the lower tube clockwise until it clicks into place. (Fig. D)
5. Make sure that the lower tube is securely fitted. (Fig. E)

OPERATION



WARNING: Before inserting or removing the battery packs into the blower, make sure the blower is switched off.

Inserting and removing the battery pack

1. Align the groove on the battery pack with the ribs in the blower's battery compartment (Fig. F).
2. Insert the battery pack into the blower's battery compartment until it clicks into position.
3. To remove the battery pack, press the battery pack's release button and pull the battery pack out (Fig. G).

Turning on and off

1. To turn on the blower, press and hold the trigger switch. The blower will be turned off when the trigger switch is released (Fig. H).
2. After the blower is turned on, the blower will continue operating if the on/off lock lever is pushed down. The trigger switch can then be released for continue operation. Push the on/off lock lever back to its original position will turn off the blower (Fig. I).

Adjusting the speed

1. The blower has 3 speed settings.
2. When the blower is turned on, press the right button on the control panel to change the speed of the blower (Fig. J)
3. The colour of the LED indicator above the button will indicate the speed.
 - Dark blue - low speed
 - Light blue - medium speed
 - Green - high speed

Boost function

1. The blower has a boost function.
2. The blower will run at peak speed when the boost (left) button on the control panel is pressed (Fig. J).
3. The LED indicator above the boost button will be ON, indicating that the blower is at peak speed.
4. Press the boost button again and the blower will be back to normal speed.

MAINTENANCE AND STORAGE



WARNING! Always remove the battery pack from the chainsaw before carrying out any cleaning, maintenance and storage.



WARNING: The chainsaw shall only be repaired by an authorised service centre.

Cleaning

1. Keep the ventilation slots free from dust and dirt to prevent the blower from overheating.
2. Regularly clean the blower with a soft cloth, preferably after each use. If the dirt does not come off, use a soft cloth moistened with soapy water.
3. Never use solvents such as petrol, alcohol and ammonia water etc. to clean the blower. These solvents may damage the plastic parts.

Maintenance

The blower should only be repaired by an authorised service centre.

Storage

1. Remove the battery pack from the blower before storage.
2. Store the blower out of the reach of children in a stable and secure place.

DISPOSAL



Dispose of appliances according to the regulations and requirements of your local council. If appliances are disposed of in landfills or dumps, hazardous substances may leak into the groundwater and get into the food chain, damaging your health and well-being.

TROUBLESHOOTING

Fault	Possible cause	Possible solution
Blower cannot start	The battery pack is not inserted properly	Insert the battery pack again
	Battery pack is low in charge	Charge the battery pack
	Blower is faulty	repair the blower by an authorised service centre
Blower is not blowing	Clogging	Clean the blower tube and extension tube
Blower is overheat	Clogging	Clean the blower tube, extension tube and ventilation vents
Blower is not operating at full capacity	Clogging	Clean the blower tube and ventilation tube
	Battery pack is low in charge	Charge the battery pack
Stop while blowing	Battery pack has no power	Charge the battery pack

WARRANTY

This product is covered by a 2 year parts and labour warranty against manufacturing defects.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

- (i) where this product has been subjected to misuse, abuse, accident or want of care;
- (ii) where this product has been used for a purpose for which it was not designed or is not suited;
- (iii) where the service of this product has been undertaken by a non-authorized person or company or if non-approved parts have been used;
- (iv) where this product has been used for trade, industrial or commercial purposes.

In order to obtain warranty service, the purchaser must present the store receipt showing the name of the retailer and the date of purchase.

The period of the warranty begins from the original date of purchase, notwithstanding any subsequent repair or parts replacement.

Purchaser shall be responsible for all transport charges to and from the Authorised Service Centre.

Damage in transit is not covered by this warranty. The purchaser should remove from the product any liquids (if applicable) before sending the product for service or repair.

The product should be packed securely to prevent damage.

WARRANTY EXCLUSIONS

Wear parts or service related parts required when performing normal and regular maintenance of this product are not covered by warranty unless it is found to be defective by an Authorised Service Centre.