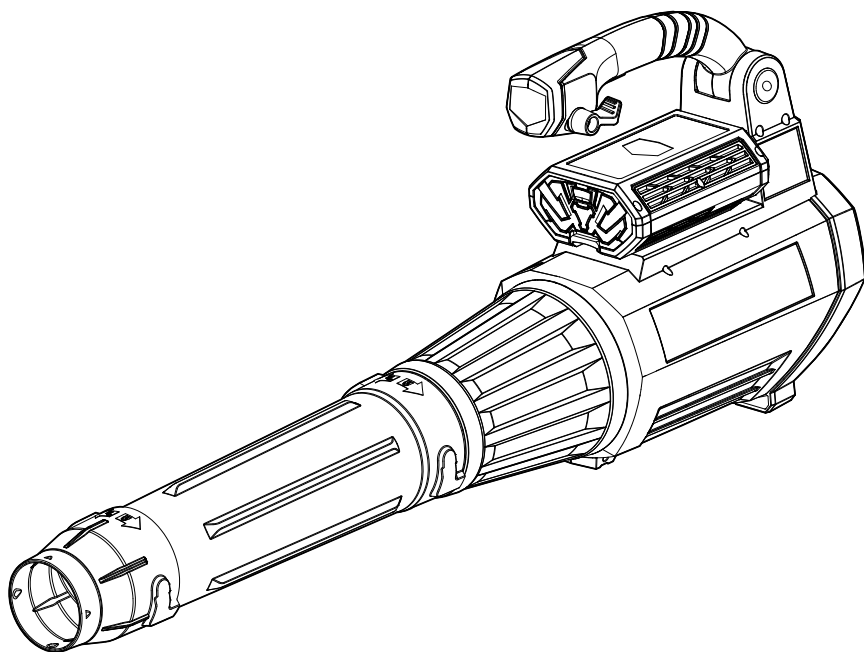


# LawnMaster<sup>®</sup>

## Instruction Manual

60V Max\* Lithium-Ion Cordless Brushed Blower CLBL6015ACE



Original Instructions

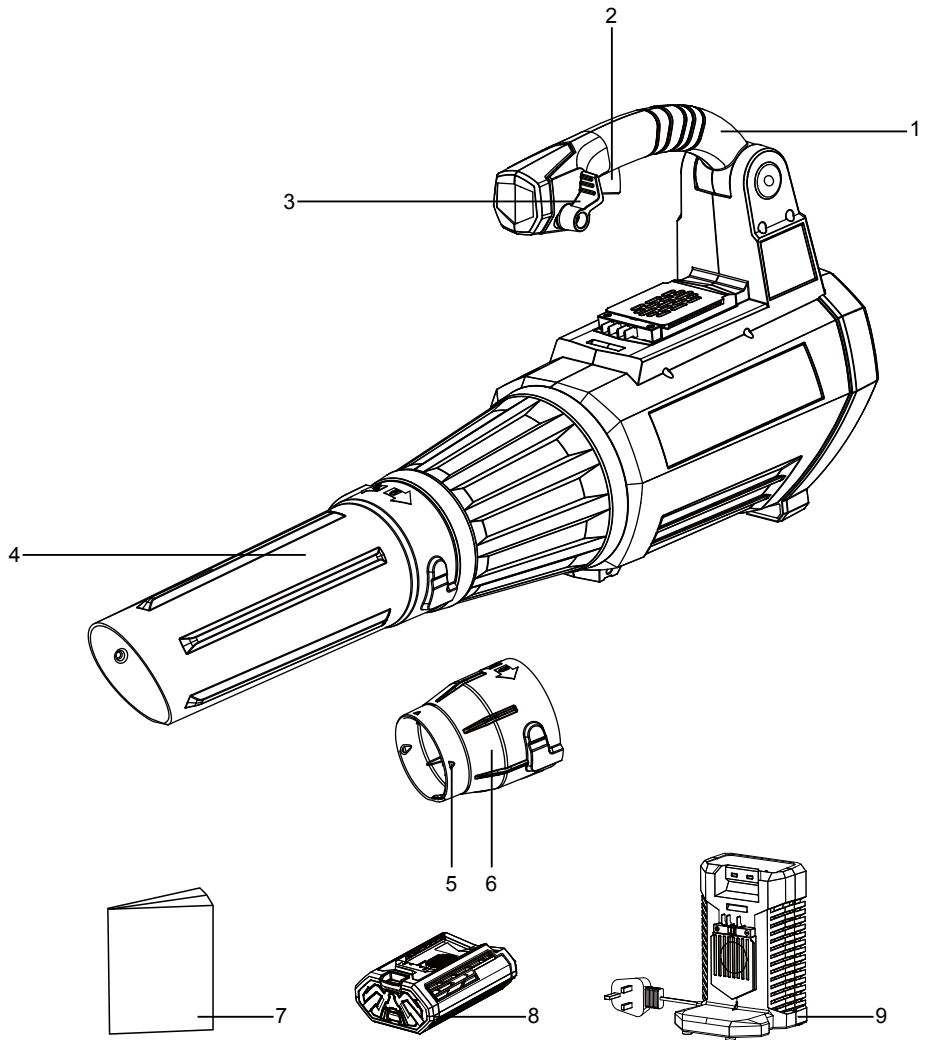
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**WARNING:** Read all safety instructions carefully before assembling and operating this machine. Ensure the machine has been assembled correctly and safely. Keep the instructions safe and pass them on to any subsequent user so that the information is always available.























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# SYMBOLS

The following warning symbols appear throughout this manual and indicate the appropriate safety measures you should take when operating and maintaining the appliance.

SYMBOL	DESIGNATION/EXPLANATION
	Caution
	Read instruction manual.
	Keep bystanders away.
	Wear eye protection.
	Wear hearing protection.
	Do not use as a step.
	Do not expose to rain.
	Noise level specification Lwa in dB(A).
	Protection Class II.
	The product complies with the applicable European directives and an evaluation method of conformity for these directives was followed.
	Keep hands away.
	Only recharge battery packs with the supplied charger indoors.
	Disconnect the battery pack before any repair or maintenance.
	Fuse.
	Do not dispose of electrical equipment in domestic waste.
	Batteries contain Li-ion, waste batteries should be sorted for ecofriendly disposal. Do not dispose of waste batteries as unsorted municipal waste.

## SYMBOLS

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SYMBOL	DESIGNATION/EXPLANATION
	Do not dispose of battery packs in rivers or immerse in water.
	Do not dispose of battery packs in fire.
	Do not subject the battery to direct sunlight over long periods and do not leave it on or near a heat source (max. 60°C).
	Recycle electrical waste products in an environmentally safe way where facilities exist.



## WARNING

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the instruction manual.

If you do not understand the warnings and instructions in the instruction manual, do not use this product.

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# SAFETY INFORMATION

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## WARNING

READ CAREFULLY BEFORE USE. KEEP FOR FUTURE REFERENCE.

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### Training

- Read the instructions carefully. Be familiar with the controls and the correct use of the machine.
- Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.
- Keep in mind, that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Do not allow the machine to be used as a toy. Close attention is necessary when used by or near children.
- Do not handle battery or blower with wet hands.
- Do not expose the blower to rain.

### Preparation

- While operating the machine always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Operate the machine in a recommended position and only on a firm, level surface.
- Do not operate the machine on a paved or gravel surface

## **SAFETY INFORMATION**

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where ejected material could cause injury.

- Before using, always visually inspect to see, that the fasteners are secure, the housing is undamaged and that guards and screens are in place. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- Never operate the machine while people, especially children, or pets are nearby.
- Do not leave the Blower working unattended .
- To prevent dust irritation the wearing of a face mask is recommended.

### **Operation**

- Keep your face and body away from the air intake opening.
- Wear eye and hearing protection.
- Do not allow hands or any other part of the body or clothing near any moving part.
- Keep proper balance and footing at all times. Do not overreach.
- If the machine should start making any unusual noise or vibration, immediately allow the machine to stop. Remove the battery pack and take the following steps before restarting and operating the machine:
  - i) inspect for damage;
  - ii) replace or repair any damaged parts;
  - iii) check for and tighten any loose parts.
- Keep the battery pack clean of debris and other accumulations to prevent damage to the battery pack or possible fire.
- Stop the machine, and remove the battery pack from the



## **SAFETY INFORMATION**

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blower. Make sure that all moving parts have come to a complete stop

- whenever you leave the machine,
- before checking, cleaning or working on the machine.
- Handle the unit with care. Clean the ventilation slots regularly; follow the maintenance instructions.
- Do not overload your device. Work only within the indicated range of performance. Do not use your device for purposes for which it has not been designed.
- Do not attempt to repair the Blower yourself unless you are qualified to do so.
- Turn off all controls before removing battery.

### **Maintenance and storage**

- When the machine is stopped for servicing, inspection, or storage, or to change an accessory, Stop the machine, and remove the battery pack from the blower and make sure that all moving parts are come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.
- Store the machine in a dry place out of the reach of children.
- Always allow the machine to cool before storing.
- Replace worn or damaged parts for safety. Only use replacement parts and accessories supplied and recommended by the manufacturer. Using third-party parts will immediately invalidate the guarantee.
- Store the blower, the charger and the battery at a temperature between 0°C and 25°C.

## **SAFETY INFORMATION**

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### **Battery Safety Information**

- 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. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
- Do not place appliances or their batteries near fire or heat sources. Continuous intense sunlight, fire or other heat sources may cause an increased danger of explosion.
- Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries can explode in the presence of a source of ignition, such as a pilot light.
- To reduce the risk of serious personal injury, never use any cordless product in the presence of an open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- Do not charge battery in a damp or wet location. Following this rule will reduce the risk of electric shock.
- For best results, your battery tool should be charged in a location where the temperature is more than 4°C but less than 40°C.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10

## **SAFETY INFORMATION**

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minutes, then seek immediate medical attention.

- 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 sparks, burns, or a fire.
- Do not open up the battery and avoid mechanical damage to the battery. Risk of short circuit and fumes may be emitted. Ensure fresh air and seek medical assistance in the event of discomfort.
- Always remove battery pack before storing the device. When battery becomes fully charged, unplug the charger from the power supply and remove the battery pack from the charger.
- Keep battery pack dry, clean, and free from oil and grease. Always use a dry cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean battery pack.

### **Charger Safety Information**

- Ensure the battery pack is charged indoors only, in a dry, cool and well ventilated environment.
- Do not use non-rechargeable batteries!
- Do not operate the charger with a damaged cord or plug, which could cause shorting and electric shock. If damaged, immediately discontinue use. Replace the charger with the identical unit as listed in the Product Specifications in this manual. If the power cord for this equipment is damaged, it must be replaced by the manufacturer, a customer service

## SAFETY INFORMATION

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agent of the same or a fully qualified personal in order to prevent hazards.

- The plug of the charger must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce the risk of electric shock.
- Allow a hot battery to cool before charging.
- Before each use, check the charger, cable and plug. Do not use a defective charger and do not disassemble the charger. Incorrect reassembly may result in the risk of fire, electric shock or electrocution.
- Protect the charger against moisture and wet conditions. There is a danger of electric shock.
- Operate the charger only with the appropriate original batteries. Charging other batteries may result in injuries and risk of fire.
- Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- Do not use a charger that has been dropped or received a sharp blow.
- The voltage indicated on the charger rating plate must correspond to the voltage of the power source.
- Never touch the mains plug with wet hands.

### Double Insulation

Double insulation is a concept in safety in electric power tools. All exposed metal parts are isolated from the internal metal motor components with protecting insulation.

# SAFETY INFORMATION

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## Intended Use

This product is intended for private domestic use only, not for any commercial trade use.

It must not be used for any purposes other than those described. Any use of the machine that deviates from its intended use and is not included in these instructions is considered unauthorised use and relieves the manufacturer from his or her legal liability.

## IN THE BOX

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- |                         |                        |
|-------------------------|------------------------|
| 1. Handle               | 6. Concentrator Nozzle |
| 2. Trigger Switch       | 7. Instruction Manual  |
| 3. Cruise Control lever | 8. Battery Pack        |
| 4. Blower Tube          | 9. Battery Charger     |
| 5. Debris Scraper       |                        |

# ASSEMBLY

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## Assembly Preparation

- Carefully remove all contents from the product packaging.
- Ensure you have all the accessories and tool(s) needed for assembly and operation. This also includes suitable personal protective equipment.

## Blower Assembly (See Fig. 1)

- Insert the widest end of the blower tube onto the mounting clips located on the blower motor unit.
- Align the locking mechanism and turn clockwise to secure into place. The blower tube can only be attached one way.
- Insert the concentrator nozzle into the blower tube and turn clockwise to lock into place.

## Installing/Removing the Battery Pack (See Fig. 2)

**IMPORTANT!** Before using the blower, read all safety precautions and follow the instructions in the Battery Pack and Charger section. If storing for a prolonged period of time, remove the battery.

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## WARNING

Follow these instructions in order to avoid injury and to reduce the risk of electric shock or fire:

- Replace the battery pack or the charger immediately if the battery case or charger cord is damaged.
  - Verify that the switch is in the OFF position before inserting or removing the battery pack.
  - Verify that the battery pack is removed and the switch is in the OFF position before inspecting, adjusting, or performing maintenance on any part of the blower.
  - Read, understand, and follow the instructions contained in the section entitled Battery Pack Operation and Charger Operation.
- 

### To Install the Battery Pack (Fig. 2)

- Align the support rails located on the battery chamber with the guide rails on the battery pack.
- Slide the battery pack fully towards the handle until the latch locks into place. Ensure it is secured.

### To Remove the Battery Pack (Fig. 2)

Press the release button on the battery pack and remove it from the product in the reverse action to installing.

**NOTE:** The battery pack fits onto the blower snugly in order to prevent accidental dislodging.

# OPERATION

## Battery Pack Operation

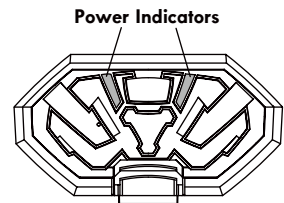
### ■ Battery Charging

- Use only with 60V Lawnmaster® 60LFC03 battery charger. The battery charger supplied is specifically designed for the lithium-ion battery used in this garden appliance and may cause risk of fire if used with a non-compatible battery pack.
- Check the power voltage! Battery chargers operate on 220-240V AC.
- Ensure the battery is charged between 4°C and 40°C. This ensures an optimum battery service life.
- Protect the battery from heat, from continuous exposure to sun and keep away from radiation or other heat sources. Do not leave the battery in the blower in direct sunlight over long periods.
- The battery is supplied partially charged. To ensure full capacity of the battery, charge the battery before using your appliance for the first time. The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not affect the battery.

### ■ Battery LED Panel

The battery is equipped with a charge-level indicator panel which indicates its current charge condition. Press and release the charge indicator button on the battery to actuate the charge level indicator. The charge level can be checked either when the battery is attached on the machine or removed from the machine.

LEDs on battery (Continuous lighting)	Battery Capacity
Green	50%~100%
Orange	25%~ 50%
Red	0-25% (Recharge required)



## Charger Operation (See Fig. 3)

# WARNING

If any part of the charger is missing or damaged, do not operate it! Replace the charger with a new one. Failure to pay attention to this warning could result in possible serious injury. Check the voltage! The voltage must comply with the information on the rating label.

# OPERATION




- Align the two guide rails on the side of the battery pack with the support rails on the side of the charger. Slide the battery pack down until it locks into place (Fig. 3).
  - Connect the charger to the power supply.
  - After the battery is charged and the fan on the charger has stopped operating, it is suggested that the charger be disconnected from the power supply.
  - Press the release button on the battery pack and remove it from the charger.
- NOTE:** It is normal for the battery pack and the charger to become warm during charging process.

## ■ Charger LEDs

- Charging: a **flashing green LED** on the charger indicates that the battery is charging normally.
- Charged: **continuous green LED** on the charger indicates that the battery is ready for use. Wait until the cooling fan stops, remove the battery pack from the charger and disconnect the charger from the power supply.
- **Charging paused: a flashing red LED light** on the charger indicates that charging is paused.
  - Red LED light flashing slowly: charging paused (battery temperature is not within the charging temperature range – charging will automatically resume once temperature within range).
  - Red LED light flashing quickly: the charger and/or the battery pack not communicating (unplug the charger from the power outlet and remove the battery from the charger. Wait for more than 1 minute, and then reinsert the mains plug of the charger into the power outlet. If charging does not continue call the aftersales helpline).

After continuous or repeated charging cycles without interruption, the charger may warm up. This is normal and does not indicate a technical defect of the battery charger.

The indicator lights on the charger show the charger status:

SYMBOL	INDICATOR LIGHT	STATUS
	Green, flashing	Charging
	Green, continuous	Fully charged
	Red, flashing	Charging Paused

## Starting / Stopping the Blower (See Fig. 4)

- To switch on, ensure the battery is fully inserted.
- For manual operation, gently pull the trigger switch towards the handle. You can adjust the power level by increasing or decreasing the pressure applied to the trigger switch.
- For automatic cruise control operation rotate the cruise control lever to adjust the power level.



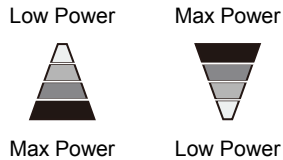
## OPERATION

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The cruise control function allows consistent power without having to apply pressure to the trigger switch.

- To turn off the blower, release the trigger switch and/or make sure the cruise control lever is in the upward position.

**NOTE:** Using the blower on max power level will decrease the battery run time. For extended use, adjust the pressure applied onto the trigger switch.



### Using the Blower (See Fig. 5)

- Once operational, direct airflow towards the subject you wish to clean.
- Your blower is designed to blow and clean all types of surfaces. From removing debris, leaves and grass clippings into piles or clearing driveways, garages and patios.



## WARNING

Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing protection. Failure to do so could result possible serious injury.

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# MAINTENANCE

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## WARNING

When servicing, use only recommended replacement parts. Use of any other parts may create a hazard or cause product damage.



## WARNING

To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

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### General Maintenance

- Keep all safety devices, air vents and the motor housing free of dirt and dust. 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 clean, dry cloths to remove dirt, dust, oil, grease, etc.
- Remove any buildup of grass and leaves on or around the motor cover. Wipe the blower clean with a dry cloth occasionally. Do not use water as this may damage any electrical components.

### Battery and Charger Maintenance

- Keep the battery and charger clean and clear of debris. Do not allow foreign material into the recessed cavity or on the contacts. Wipe with a dry cloth. Do not use solvents, water, or place in wet conditions.
- Always unplug the charger when there is no battery pack in it.
- Check that the charger and battery contacts have not been shorted by debris or foreign material. Always store away from metal objects which could create a connection with the terminals.
- Always remove the battery when storing the blower and keep in a cool dry place out of direct sunlight.
- Store the battery only within a temperature range between 0°C and 25°C and do not subject or store the battery pack to direct sunlight.
- It is recommended to store the lithium-ion battery pack in a 30%-50% charged condition.
- It is recommended to fully charge the lithium-ion battery pack after every six months of storage.

# TROUBLESHOOTING



## WARNING

ONLY PERFORM THE STEPS DESCRIBED WITHIN THESE INSTRUCTIONS!



## WARNING

REMOVE THE BATTERY PACK BEFORE TROUBLESHOOTING.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unit will not start when trigger switch is depressed.	The battery is not secure.	To secure the battery pack, Make sure the latches on the bottom of the battery pack snap into place.
	The battery is defective.	Replace with a new, charged battery.
	The battery is not charged.	Charge the battery pack according to the instructions in the Instruction manual.
	Defective trigger mechanism.	If within warranty period, call customer service.
Unit will not blow.	The tube is blocked.	Remove battery and clear debris from in and around tube.
No charging procedure possible.	The battery contacts are contaminated.	Clean the battery contacts (e.g. by inserting and removing the battery several times) or replace the battery.
	Socket outlet, fuse, mains cable or battery charger are defective.	Check the mains voltage and fuse, if necessary have the battery charger checked by an authorised customer service station.
	The battery has a fault.	Contact the After Sales Helpline.
The red and green LED is flashing alternatively on the charger.	The battery is in a low voltage status and needs re-activate.	The battery is undergoing an additional 30 minute recovery charge. Please maintain the normal charging procedure. And once complete and fully charged, the LED will change to green continuous.

# SPECIFICATIONS

## 60V Cordless Brushed Blower

Type	Cordless, Battery-powered
Insulation Protection	<input type="checkbox"/>
Motor	Brushed motor
Voltage	60V MAX* <input type="checkbox"/>
Max air volume	208L/s
Max air speed	178km/h
Sound Pressure Level ( $L_{PA}$ )	74dB(A) K=3dB
Sound Power Level ( $L_{WA}$ ) Guaranteed	96dB(A)
Sound Power Level ( $L_{WA}$ ) Measured	90.4dB(A) K=3dB
Vibration ( $a_v$ )	$\leq 2.5\text{m/s}^2$ K=1.5m/s <sup>2</sup>
Weight (Without 2.0Ah Battery)	3.1kg

## CHARGER

Model No.	60LFC03
Charger Input	220-240V~50/60Hz 1.76A
Charger Output	60V <input type="checkbox"/> 4.0A
Charging Period (Battery Fully Discharged)	40min (For 60LB2030)
Weight of Charger	1.12kg
Insulation Protection of Charger	<input type="checkbox"/>

## BATTERY

Model No.	60LB2030
Rated Voltage of Battery	60V MAX* <input type="checkbox"/>
Capacity of Battery	2.0Ah
Battery Type	Lithium-Ion
Weight of Battery	1.03kg

\*Maximum initial battery workload voltage (measured without a workload) is 60 volts.  
Nominal voltage is 54 volts.

## RECYCLING AND DISPOSAL

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This marking indicates that this product should not be disposed with other household wastes throughout the EU. The machine must be delivered in rigid packaging to avoid damage during transportation. The packaging and the machine itself are manufactured from recyclable materials and should be disposed of accordingly.



This appliance contains Lithium-ion battery. Do not dispose of batteries in household waste, fire or water. Dispose of batteries in accordance with the local regulations where they will be recycled in an environmentally friendly manner.

Li-ion

