



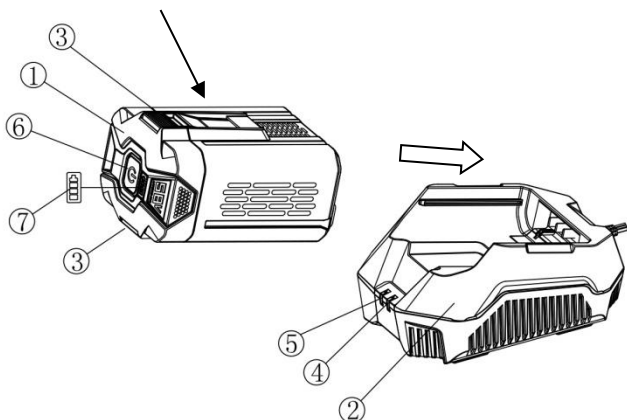
OPERATOR'S MANUAL **BATTERY PACK**

Type: ZMLB5120
ZMLB5125
ZMLB5140
ZMLB5150



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Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



1.ZOMAX battery

2.ZOMAX charger

3.Release button

4.Red LED

5.Green LED







6.Battery power display button

7.Batterypower indicator

BATTERY HANDLING

SAVE THESE INSTRUCTIONS

Key to symbols

WARNING! Incorrect or careless use of charger can turn it into a dangerous tool that can cause serious or even fatal injury. It is extremely important that you read and understand the contents of the operator's manual.	
Please read the operator's manual carefully and make sure you understand the instructions before using the machine.	
Symbols on the product or its packaging indicate that this product cannot be handled as domestic waste. This product must be deposited at an appropriate recycling facility.	
Do not leave or store the battery charger outdoors in the rain or in wet conditions.	
Do not expose batteries to heat or fire.	
Please use and store the battery only in a temperature range between - 10°C and + 50°C.	

Battery Pack safety

This section describes the battery pack and battery charger safety for your product. (1) to (8) refer to the figure on page 2. Only use ZOMAX original battery packs for ZOMAX products and only charge them in an original battery charger from ZOMAX. The battery pack are software encrypted.

IMPORTANT SAFETY INSTRUCTIONS

The rechargeable ZOMAX® batteries, ZMLC51 are exclusively used as a power supply for the relevant ZOMAX® cordless appliances. To avoid injury, the battery must not be used as a power source for other devices. (1)

- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your

finger on the switch or energizing appliance that have the switch on invites accidents.

- Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
- 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 appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Do not short-circuit a battery pack. 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 contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.(g)
- Avoid storage in direct sunlight. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.
- Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
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BATTERY HANDLING

- Do not remove a battery pack from its original packaging until required for use.
 - Do not subject batteries to mechanical shock.
 - Observe the plus (+) and minus (-) marks battery pack and equipment and ensure correct use.
 - Do not use any battery pack which is not designed for use with the equipment.
 - Do not mix battery pack of different manufacture, capacity, size or type within a device.
 - Keep batteries out of the reach of children.
 - Always purchase the correct battery pack for the equipment.
 - Keep battery pack clean and dry.
 - Wipe the battery terminals with a clean dry cloth if they become dirty.
 - Batteries need to be charged before use. Always use the correct charger and refer to manufacturer's instruction or equipment manual for proper charging instructions.
 - Do not leave a battery pack on prolonged charge when noting use.
 - After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
 - Retain the original product literature for future reference.
 - Use only battery pack in the application for which it was intended.
 - When possible, remove the battery pack from the equipment when not in use.
- **Zomax battery pack is only allowed to be charged by appropriate Zomax Charger (for voltage of 120V, 60HZ, please charge it by ZMLC5120U; For voltage of 220-240V, 50HZ, please charge it by ZMLC5120E or ZMLC5120A). Working temperature for charging will be 0-25°C, while the ideal temperature is 20~25°C.**
 - Put the battery pack in the battery charger. Make sure that the battery is connected to the battery charger. **(1), (2)**
 - The green charging light is lit when the battery pack is connected to the battery charger. **(4)**
 - When all LEDs are lit the battery is fully charged. **(7)**
 - Remove the battery pack from the battery charger.
 - Zomax battery pack is only allowed to be charged by appropriate Zomax appliance such as Zomax Li-Ion Chain saw, Zomax Li-Ion Blower ,Zomax Li-Ion Trimmer, Zomax Li-Ion Lawn Mower , Zomax Li-Ion Pole Trimmer, Zomax Li-Ion Pole Saw, Zomax Li-Ion Hedge Trimmer.
 - When battery pack is connected with the appliance, the battery pack will be locked up by pack release buttons and machine enclosure. Press on the both release button at the same time, the battery pack will be unlocked and disconnected.(8)
 - Low voltage charging: If the battery pack has been stored with little to no charge for a long period of time, the charger will go into recovery mode, which will take 20 hrs to fully charge the battery. this will enhance the life of the battery. Once it is fully charged, the next charge will return to standard charging.

Operation

The battery pack LED light shows the battery pack capacity and if there are any problems with the battery pack. The battery pack capacity is displayed for 5 seconds after the machine is switched off the battery pack indicator button is pressed. The warning symbol on the battery pack is lit when an error has occurred. See fault codes.(6)

When all the LEDs are lit on the battery pack, it is fully charged. **(7)**

Regularly check that the battery charger and the battery pack are intact.

The battery pack must be charged before using it the first time.

NOTE !

The battery pack is only 30% SOC charged when delivered.

LED lights	Battery Pack
All LEDs are lit	Fully charged (75-100%).
LED 1, LED 2, LED 3 are lit.	The battery pack is 50%-75% charged
LED 1, LED 2, are lit.	The battery pack is 25%-50% charged.
LED 1 are lit.	The battery pack is 0%-25% charged
LED 1 flashes	The battery pack is empty. Charge the battery.

BATTERY HANDLING

Transport and storage

- Store the equipment in a lockable area so that it is out of reach of children and unauthorized persons.
- Store the battery pack and the battery charger in a dry, moisture-free and frost-free space.
- Store the battery pack and the battery charger where the temperature is between 5°C and 45°C and never indirect sunlight.
- Be sure to store the battery pack separate from the battery charger.
- Do not store the battery pack in places where static electricity can occur. Never store the battery pack in a metal box.
- **Caution:** IF long-term storage is necessary, **DON OT STORE A BATTERY PACK WHICH IS COMPLETELY DISCHARGED**. If the pack completely discharged, please charge the pack to LED 1, LED 2 are lit firstly. In the later process, it's required to charge the battery pack until LED 1, LED 2 are lit each time for every one or two months. This is helpful for prolonging battery shelf life.

Maintenance

LED display	Possible faults	Possible action
All LED ARE FLASH	Temperature deviation	Charge the battery in surroundings where temperatures are between 0 ~25°C, and discharge the battery in -15°C~75°C
	Over voltage	Check that the mains voltage corresponds with that stated on the rating plate on the machine.
	Under voltage	Remove the battery from the battery charger.
Red LED FLASH	Communication failed between battery pack and tools or charger	Remove the battery from the battery charger
RED LED LIT	Battery Pack failure	Contact your service agent

Make sure the battery pack and battery charger are clean and that the terminals on the battery pack and the battery charger are always clean and dry before the battery pack is placed in the battery charger.

Keep the battery pack guide tracks clean. Clean plastic parts with a clean and dry cloth.

Fault codes

Troubleshooting the battery and/or the battery charger during charging. (5), (6)

- The battery pack will not be charged if the battery temperature is over 75°C. In that case the battery charger will actively cool down the battery.
- If the LED on the battery charger is lit solid red, the battery charger requires a service.

Technical data

Item	ZMLB 5120	ZMLB 5125	ZMLB 5140	ZMLB 5150
Types of battery pack	Li-Ion	Li-Ion	Li-Ion	Li-Ion
Battery capacity ,Ah	2.0	2.5	4.0	5.0
Number of cell, pc	14	14	28	28
Voltage, V	58	58	58	58

Dispose of the battery pack, battery charger and machine

Symbols on the product or its packaging indicate that this product cannot be handled as domestic waste. It must instead be submitted to an appropriate recycling station for the recovery of electrical and electronic equipment.

By ensuring that this product is taken care of correctly, you can help to counteract the potential negative impact on the environment and people that can otherwise result through the incorrect waste management of this product. For more detailed information about recycling this product, contact your municipality, your domestic waste service or the shop from where you purchased the product.