

## LawnMaster 24LB8006-CN

# LawnMaster MX 24V Power Lithium-Ion 8Ah Battery User Manual

Model: 24LB8006-CN | Brand: LawnMaster

## IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the battery. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

### • General Battery Safety:

- Do not disassemble, open, or shred the battery pack.
- Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not expose the battery pack to heat or fire. Avoid storage in direct sunlight.
- Do not subject the battery pack to mechanical shock.
- In the event of battery leakage, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep the battery pack clean and dry.
- Recharge only with the charger specified by the manufacturer.
- Do not use any charger other than that specifically provided for use with the equipment.
- Do not use any battery pack which is not designed for use with the equipment.
- Keep battery packs out of the reach of children.
- When disposing of battery packs, follow local regulations for proper disposal.

### • Charging Safety:

- Always use the original LawnMaster charger designed for this 24V battery.
- Do not charge the battery in damp or wet conditions.
- Do not charge the battery if the temperature is below 0°C (32°F) or above 45°C (113°F).

### • Handling Safety:

- Do not drop the battery or subject it to severe impacts.
- If the battery casing is cracked or damaged, do not use it.

## PRODUCT OVERVIEW

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The LawnMaster MX 24V Power Lithium-Ion 8Ah Battery (Model: 24LB8006-CN) is a high-capacity power source designed to provide reliable and long-lasting performance for compatible LawnMaster outdoor power tools, including the OcuMow MAX Robot Mower.



Image: The LawnMaster MX 24V 8Ah Lithium-Ion Battery, showcasing its compact and robust design.

## Key Features

- **LED Power Indicator:** Provides real-time status of the battery charge level.
- **No Loss of Capacity:** Lithium-Ion technology allows for full or partial recharging without affecting the battery's overall life or capacity.
- **Efficient Charge Time:** Achieves a full charge in approximately 200 minutes (with compatible LawnMaster 24V 2.5A charger).
- **Advanced Safety Features:** Built-in protections against overheating, over voltage, short circuit, and over current ensure safe operation and extended battery life.
- **Compatibility:** Specifically designed for use with the LawnMaster OcuMow MAX Robot Mower (Model: VBRM601YCM MAX) and other compatible LawnMaster 24V tools.

## SETUP

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## Initial Battery Charge

Before first use, it is recommended to fully charge the LawnMaster MX 24V 8Ah battery. This ensures optimal performance and battery longevity.

1. Connect the LawnMaster 24V battery charger (sold separately) to a standard power outlet.
2. Align the battery with the charger and slide it into place until it clicks securely.
3. The charger's indicator light will show the charging status. Refer to your charger's manual for specific light patterns.
4. Allow approximately 200 minutes for a full charge. The indicator light will change when charging is complete.



Image: The LawnMaster MX 24V 8Ah Battery highlighting its 200-minute charge time.

## Installing the Battery

The 24LB8006-CN battery is designed for easy installation into compatible LawnMaster tools.

1. Ensure the tool is powered off and disconnected from any power source.
2. Locate the battery compartment on your LawnMaster tool (e.g., OcuMow MAX Robot Mower).
3. Align the battery with the guides in the compartment.
4. Slide the battery firmly into the compartment until it locks securely into place. You should hear a click.
5. To remove the battery, press the release latch(es) and slide the battery out.



Image: The LawnMaster MX 24V 8Ah Battery shown with the OcuMow MAX Robot Mower, demonstrating its intended use.

## OPERATION

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### Checking Battery Status (LED Power Indicator)

The LawnMaster MX 24V 8Ah battery is equipped with an LED power indicator to quickly check the remaining charge.

- Press the battery status button located on the battery pack.
- The LED lights will illuminate to indicate the charge level:
  - **Three Green Lights:** Full charge (75-100%)
  - **Two Green Lights:** Medium charge (50-75%)
  - **One Green Light:** Low charge (25-50%)
  - **One Red Light:** Very low charge (0-25%), recharge immediately.
  - **No Lights:** Battery is fully discharged or faulty.



## LED Power Indicator

### Always Know the Status of Your Battery

Image: Close-up of the LawnMaster MX 24V 8Ah Battery showing the illuminated LED power indicator lights.

## MAINTENANCE

### Cleaning

Keep the battery pack clean to ensure proper contact with the charger and tool terminals.

- Use a clean, dry cloth to wipe down the exterior of the battery.
- Do not use water, solvents, or harsh chemicals to clean the battery.
- Ensure the terminals are free of dirt and debris.

### Storage

Proper storage extends the life of your battery.



- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing the battery in temperatures below 0°C (32°F) or above 45°C (113°F).
- For long-term storage, it is recommended to store the battery with a partial charge (around 50%).
- Do not store the battery fully discharged or fully charged for extended periods.

## Battery Care

The Lithium-Ion technology in this battery is designed for durability and performance.

- This battery features "no loss of capacity," meaning you can recharge it fully or partially without negatively impacting its overall battery life or performance.
- Regularly check the battery for any signs of damage, swelling, or leakage. Discontinue use immediately if any issues are observed.



Image: The LawnMaster MX 24V 8Ah Battery emphasizing its "No Loss of Capacity" feature, allowing flexible charging without degradation.

## TROUBLESHOOTING

If you encounter issues with your LawnMaster MX 24V 8Ah battery, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Battery not charging.	Charger not plugged in; faulty charger; battery too hot/cold; faulty battery.	Ensure charger is securely plugged in. Try another outlet. Allow battery to reach room temperature. Test with another compatible battery/charger if available. Contact customer support if issue persists.
Tool not powering on with battery.	Battery not fully charged; battery not properly installed; faulty battery; tool issue.	Check battery charge level using the LED indicator. Reinstall battery, ensuring it clicks into place. Test battery in another compatible tool if possible. If battery is charged and installed correctly, the issue may be with the tool.
Battery gets unusually hot during use/charging.	Overload; internal fault; charging in high temperatures.	Immediately discontinue use/charging. Allow battery to cool down in a well-ventilated area. Do not use if swelling or leakage occurs. This battery has overheat protection, but excessive heat indicates a problem. Contact customer support.

## Safety Protections

The LawnMaster MX 24V 8Ah battery is equipped with multiple safety features to protect both the battery and the user:

- **Overheat Protection:** Automatically shuts down the battery if it reaches an unsafe temperature during use or charging.
- **Over Voltage Protection:** Prevents the battery from being charged beyond its safe voltage limit.
- **Short Circuit Protection:** Disables the battery output in case of a short circuit to prevent damage and fire.
- **Over Current Protection:** Limits the current drawn from the battery to prevent damage from excessive load.



## MX 24V FEATURING



Overheat  
Protection



Over Voltage  
Protection



Short Circuit  
Protection



Over Current  
Protection

Image: Graphic illustrating the four key safety protections integrated into the LawnMaster MX 24V 8Ah Battery: Overheat, Over Voltage, Short Circuit, and Over Current Protection.

### SPECIFICATIONS

Specification	Detail
Brand	LawnMaster
Model Number	24LB8006-CN
Battery Type	Lithium-Ion
Voltage	24V



Specification	Detail
Capacity	8.0Ah
Approx. Charge Time	200 minutes (with compatible LawnMaster 24V 2.5A charger)
Color	Black
Product Dimensions (D x W x H)	5.87" x 3.54" x 3.62"
Item Weight	2.49 pounds
Manufacturer	Cleva
Compatibility	LawnMaster OcuMow MAX Robot Mower (Model: VBRM601YCM MAX) and other compatible LawnMaster 24V tools.

### WARRANTY INFORMATION

LawnMaster products are manufactured to high-quality standards. For specific warranty details regarding your LawnMaster MX 24V Power Lithium-Ion 8Ah Battery, please refer to the warranty card included with your purchase or visit the official LawnMaster website. Keep your proof of purchase for warranty claims.

### CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your LawnMaster MX 24V 8Ah Battery, please contact LawnMaster customer support. Contact information can typically be found on the product packaging or the official LawnMaster website.

For the most up-to-date information and support resources, please visit:[LawnMaster Official Store on Amazon](#)