

## NovorikX LAM2101

# NovorikX 60V Self-Propelled 21-Inch Cordless Lawn Mower User Manual

Model: LAM2101

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## 1. SAFETY INFORMATION

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Always read and understand all safety warnings and instructions before operating the lawn mower. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

### General Safety Warnings

- **Keep area clear:** Do not operate the mower in the presence of bystanders, especially children or pets.
- **Wear appropriate attire:** Always wear eye protection, sturdy footwear, and long pants. Avoid loose clothing that could get caught in moving parts.
- **Inspect the work area:** Before mowing, remove all objects such as rocks, sticks, wires, bones, and other debris that could be thrown by the blade.
- **Avoid wet grass:** Do not operate the mower in wet grass. Wet grass can cause slipping and make the blade less effective.
- **Maintain a safe distance:** Keep hands and feet away from the cutting area and the discharge opening at all times.
- **Disconnect power:** Always remove the battery pack before cleaning, servicing, or when leaving the mower unattended.
- **Slope operation:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.

- **Blade safety:** Ensure the blade is securely fastened and in good condition. A damaged blade can cause imbalance and vibration.
- **Battery care:** Use only the specified battery pack and charger. Do not expose battery packs to water or extreme temperatures.

## 2. PRODUCT OVERVIEW

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The NovorikX 60V Self-Propelled 21-Inch Cordless Lawn Mower is designed for efficient and convenient lawn care. It features a powerful brushless motor, a self-propelled system, and multiple cutting functions.

### Key Features

- **60V Brushless Motor:** Provides robust power for cutting through various grass types while maintaining stable RPM.
- **Self-Propelled System:** Allows for easy speed control and reduces user effort during operation.
- **21-Inch Cutting Width:** Covers more ground in less time, suitable for large yards.
- **5.0Ah Battery:** Delivers up to 65 minutes of runtime, capable of covering over half an acre on a single charge.
- **Rapid Charger:** Recharges the 5.0Ah battery in approximately 120 minutes.
- **LED Headlight:** Provides illumination for improved visibility during early morning or late evening operation.
- **3-in-1 Functionality:** Supports mulching, bagging, and side discharge for versatile grass management.
- **7-Position Cutting Height Adjustment:** Easily adjust cutting height from 1.37 inches to 3.74 inches.

### Components and Package Contents

Familiarize yourself with the components of your lawn mower and ensure all items are present in the package.



**Figure 2.1:** Exploded view of the NovorikX 60V Lawn Mower and its package contents. This image shows the main mower unit, battery pack, charger, side discharge cover, mulching plug, grass collection bag, and user manual.

1. Lawn Mower Unit
2. 5.0Ah Battery Pack
3. Charger
4. Side Discharge Cover
5. Mulching Plug
6. Grass Collection Bag
7. User Manual

# 60V 21" SELF - PROPELLED MOWER

**60L  
GRASS  
BAGGER**  
Large Capacity

**7 POSITION  
HEIGHT**  
Versatile Options

**1200 W  
BRUSHLESS MOTOR**  
Powerful and Efficient

**2 LED  
HEADLIGHTS**  
Convenient for nightwork

MULCHING,  
BAGGING, SIDE DISCHARGE **3-IN-1  
FUNCTION**

**Figure 2.2:** Diagram highlighting key features of the NovorikX 60V 21-inch self-propelled mower, including the 60L grass bag, 7-position height adjustment, 1200W brushless motor, 2 LED headlights, and 3-in-1 function (mulching, bagging, side discharge).

## 3. SETUP

### 3.1 Handle Assembly

The mower handle may require unfolding and securing. Follow the instructions in your user manual to lock the handle into the operating position. Ensure all quick-release levers or knobs are tightened securely.

### 3.2 Grass Collection Bag Assembly

Assemble the grass collection bag according to the instructions provided. Once assembled, lift the rear discharge door and hook the grass bag onto the mower chassis.

### 3.3 Battery Charging and Installation

Before first use, fully charge the 5.0Ah battery pack.

1. Connect the charger to a standard power outlet.

2. Insert the battery pack into the charger. The indicator light on the charger will show the charging status.
3. Allow approximately 120 minutes for a full charge.
4. Once charged, remove the battery from the charger.



**Figure 3.1:** A hand inserting the 5.0Ah battery pack into the designated battery compartment of the NovorikX 60V lawn mower. Ensure the battery clicks into place securely.

To install the battery into the mower:

1. Open the battery compartment cover on the mower.
2. Slide the charged battery pack into the compartment until it clicks securely into place.
3. Close the battery compartment cover.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Starting and Stopping the Mower

To start the mower:

1. Ensure the battery is fully charged and correctly installed.

2. Press and hold the safety button (usually located on the handle).
3. While holding the safety button, pull the bail lever towards the handle. The motor will start.

To stop the mower:

- Release the bail lever. The motor will stop, and the blade will cease rotation.

## 4.2 Adjusting Cutting Height

The mower offers 7 cutting height positions, ranging from 1.37 inches to 3.74 inches.



**Figure 4.1:** A hand adjusting the single-point cutting height lever on the NovorikX lawn mower. The lever allows selection from 7 positions, ranging from 1.37 to 3.74 inches.

To adjust the cutting height:

- Ensure the mower is off and the battery is removed for safety.
- Locate the single-point height adjustment lever, typically near one of the rear wheels.
- Pull the lever outwards and move it forward or backward to select the desired cutting height.
- Release the lever to lock it into position. Ensure all four wheels are at the same height.

## 4.3 Using the Self-Propelled Feature

The self-propelled system assists in moving the mower forward, reducing physical effort.



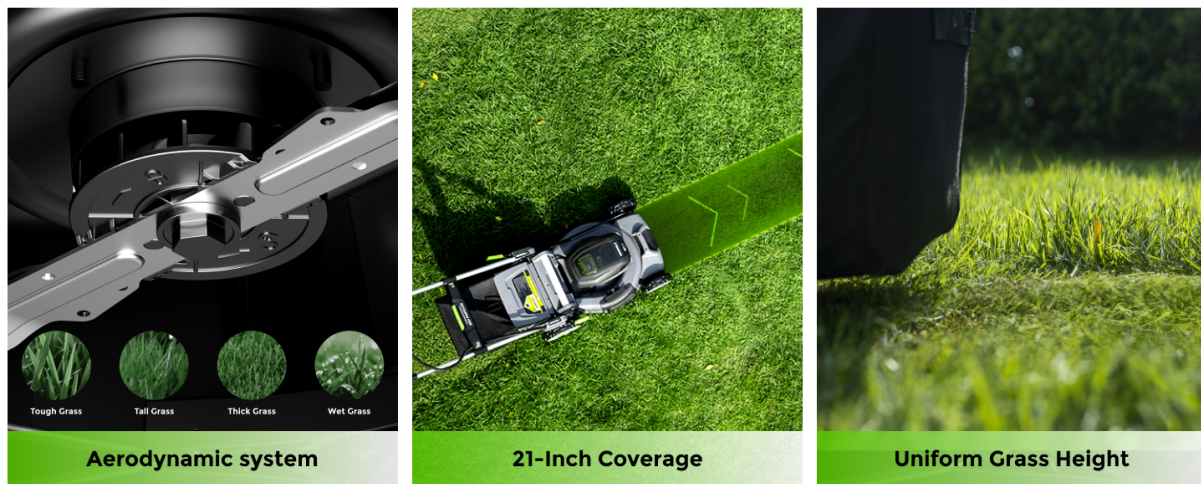
**Figure 4.2:** Close-up of the NovorikX lawn mower's handle controls, showing the self-propelled lever. Engaging this lever activates the self-propelled technology.

To engage the self-propelled feature:

- With the mower running, engage the self-propelled lever (usually a separate lever on the handle).
- Adjust the speed as desired, if your model offers variable speed control.
- To disengage, release the self-propelled lever.

#### 4.4 Mowing Functions (3-in-1)

Your NovorikX mower supports mulching, bagging, and side discharge.



**Figure 4.3:** Illustration of the aerodynamic blade system, showing its effectiveness on various grass types, 21-inch coverage, and the resulting uniform grass height.

- **Bagging:** For collecting grass clippings, ensure the grass collection bag is properly installed and the mulching plug/side discharge cover is removed/closed.
- **Mulching:** For finely cutting and returning clippings to the lawn, ensure the mulching plug is inserted into the rear discharge opening and the grass bag/side discharge cover is removed/closed.
- **Side Discharge:** For discharging clippings out the side, install the side discharge cover and ensure the grass bag/mulching plug is removed/closed.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your lawn mower. Always remove the battery pack before performing any maintenance.

### 5.1 Blade Care

- **Inspection:** Regularly inspect the blade for sharpness, damage, or cracks. A dull blade tears grass, leading to an unhealthy lawn.
- **Sharpening/Replacement:** Have the blade sharpened or replaced by a qualified service technician if it is dull or damaged. Always use genuine NovorikX replacement blades.
- **Cleaning:** After each use, clean grass clippings from the underside of the mower deck and around the blade.

### 5.2 Cleaning and Storage

- **Cleaning:** Use a damp cloth to wipe down the exterior of the mower. Do not use water jets or high-pressure washers directly on the mower.
- **Battery Storage:** Store the battery pack in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to approximately 50% capacity.
- **Mower Storage:** The handle can be folded for compact storage. Store the mower in a dry, secure location, protected from weather.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your NovorikX lawn mower.

Problem	Possible Cause	Solution
Mower does not start	Battery not charged or improperly installed; Safety button/bail lever not engaged; Overload protection activated.	Ensure battery is fully charged and correctly inserted. Engage safety button and pull bail lever simultaneously. Allow mower to cool down if it was overloaded.
Poor cutting performance	Dull or damaged blade; Cutting height too low for grass conditions; Wet or excessively long grass.	Inspect and replace/sharpen blade. Increase cutting height. Avoid mowing wet grass; cut tall grass in multiple passes.
Mower vibrates excessively	Bent or unbalanced blade; Loose blade bolt; Debris caught in blade area.	Remove battery and inspect blade for damage or debris. Tighten blade bolt. Replace damaged blade.
Self-propelled feature not working	Self-propelled lever not engaged; Battery low.	Ensure the self-propelled lever is fully engaged. Check battery charge level.

## 7. SPECIFICATIONS

Technical specifications for the NovorikX 60V Self-Propelled Lawn Mower.

Feature	Detail
Model Number	LAM2101
Power Source	Battery Powered (60V)
Battery Type	5.0Ah Lithium-ion
Motor Type	Brushless (1200W)
Cutting Width	21 Inches
Cutting Height Positions	7 Positions
Minimum Cutting Height	1.37 Inches
Maximum Cutting Height	3.74 Inches
Operation Mode	Self-Propelled
Item Weight	86 Pounds
Product Dimensions (D x W x H)	39" x 22" x 17"
Material	Iron

## 8. WARRANTY & SUPPORT

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NovorikX is committed to providing quality tools and customer satisfaction. For any questions, concerns, or warranty claims regarding your NovorikX 60V Self-Propelled Lawn Mower, please contact NovorikX customer support.

Refer to your product's specific warranty documentation for details on coverage and duration. Keep your proof of purchase for warranty service.

For assistance, please visit the [NovorikX Store on Amazon](#) or contact their customer service directly.

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