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## Greenworks 21342

# Greenworks 24V 12" Cordless String Trimmer / Edger User Manual

Brand: Greenworks

Model: 21342

## 1. INTRODUCTION AND OVERVIEW

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The Greenworks 24V 12" String Trimmer/Edger is designed for efficient and comfortable lawn care. This cordless tool offers a 12-inch cut path and a 0.065-inch line diameter auto-feed head for easy line advancement. Its 4-position pivoting head allows for maximum control during trimming and edging tasks. Powered by a 24V lithium-ion battery, it provides consistent power without memory loss, ensuring reliable performance for various indoor and outdoor applications.

## 2. SAFETY INFORMATION

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**WARNING: Always wear eye protection and gloves when operating the string trimmer. Be aware of flying debris and keep hands and body away from the cutting path. Read the full user manual for complete safety instructions.**

## 3. PACKAGE CONTENTS

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Your Greenworks 24V 12" Cordless String Trimmer / Edger package includes the following items:

- (1) 24V 12" Cordless String Trimmer & Edger
- (1) 24V 2.0 Ah Battery
- (1) Battery Charger
- (1) 0.065" Spool Assembly
- (1) Owner's Manual

# INCLUDES

## STRING TRIMMER



## OPERATOR'S MANUAL



## 24V 2AH BATTERY



## RAPID CHARGER



Figure 1: All components included in the Greenworks 24V 12" String Trimmer/Edger package.

## 4. SETUP AND ASSEMBLY

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The Greenworks 24V 12" String Trimmer requires minimal assembly before first use. Ensure all components listed in Section 3 are present.

1. **Attach the Guard:** Secure the protective guard to the trimmer head using the provided screws.
2. **Adjust the Auxiliary Handle:** Position the auxiliary handle for comfortable operation. It can be adjusted along the telescoping shaft.
3. **Charge the Battery:** Insert the 24V 2.0 Ah battery into the rapid charger. The charger will indicate when the battery is fully charged (approximately 60 minutes).
4. **Insert the Battery:** Slide the charged battery into the designated slot on the trimmer handle until it clicks securely into place.



Figure 2: Visual guide for key assembly and adjustment points.

## 5. OPERATING INSTRUCTIONS

Before operating, ensure the battery is fully charged and securely installed. Always wear appropriate safety gear.

### 5.1 Powering On/Off

- To start the trimmer, press the safety button located on the handle with your thumb, then squeeze the variable speed trigger.
- To stop, release the trigger. The trimmer will cease operation immediately.

### 5.2 Trimming Operation

Hold the trimmer comfortably with both hands. Use the 12-inch cutting path to trim grass around obstacles, fences, and garden beds. The auto-feed head automatically advances the 0.065-inch line as needed.



Figure 3: Trimming operation demonstrating the 12-inch cutting path.

### 5.3 Edging Operation

To switch from trimming to edging mode:

1. Ensure the trimmer is off and the battery is removed for safety.
2. Press the pivot button on the trimmer head and rotate the head 90 degrees until it locks into the edging position.
3. The edging wheel will now be aligned to guide the trimmer along hard surfaces like sidewalks and driveways.
4. Reinsert the battery and operate as usual, guiding the wheel along the edge for a clean finish.



Figure 4: Converting the trimmer to edger mode.



Figure 5: 90° Rotating Head for edging.

## 5.4 Official Product Video

Your browser does not support the video tag.

Video 1: Official Greenworks 24V 12-inch String Trimmer demonstration. This video provides a brief overview of the trimmer's features and operation, including its 2-in-1 functionality.

## 6. FEATURES

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- **24V Power:** Provides 20% more power and 35% more run-time compared to previous models, powering through tough grass and weeds. The 24V battery is compatible with over 100 Greenworks indoor and outdoor products.
- **12" Cutting Path:** Features a 0.065" line with an auto-feed head for quick and easy line advancement without manual bumping.
- **2-in-1 Trimmer / Edger:** A 90-degree rotating head with an edging wheel allows for seamless transition between trimming and precise edging.
- **3-Position Pivoting Head:** Offers maximum control and flexibility for trimming at multiple angles, reaching difficult areas.

- **Telescoping Shaft:** Easily adjusts to the user's height and posture, reducing fatigue and improving comfort during use. It also allows for compact storage.
- **Variable Speed Trigger:** Provides control over cutting speed, enabling precise maneuvering around plants and shrubs.
- **Lightweight & Easy to Use:** Ultra-lightweight design and superior ergonomics minimize user fatigue.
- **Maintenance-Free:** This string trimmer is virtually maintenance-free, requiring no gas, oil, or producing emissions. It starts instantly and operates quietly.



Figure 6: Labeled diagram of the Greenworks 24V 12" String Trimmer's features.



Figure 7: Adjusting the telescoping shaft for user comfort.

## 7. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your trimmer.

### 7.1 Line Replacement

The trimmer features an auto-feed head, but the line spool will eventually need replacement. To replace the 0.065" line spool:

1. Ensure the trimmer is off and the battery is removed.
2. Locate the two release tabs on the trimmer head. Press them simultaneously to remove the spool cap.
3. Carefully remove the empty spool.
4. Insert a new 0.065" spool, ensuring the line is properly threaded through the eyelet.
5. Replace the spool cap, aligning the tabs and pressing until it clicks into place.

### 7.2 Battery Care

The 24V lithium-ion battery provides fade-free power. Recharge the battery after each use or when the indicator shows low

charge. Store the battery in a cool, dry place away from direct sunlight.

## 8. TROUBLESHOOTING

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- **Trimmer not starting:** Ensure the battery is fully charged and securely inserted. Check that the safety button is pressed before squeezing the trigger.
- **Line not feeding:** Verify that the 0.065" line is correctly installed in the auto-feed head and not tangled. Replace the spool if the line is depleted.
- **Reduced power/run-time:** Fully charge the battery. Battery performance can decrease over time with extensive use. Consider purchasing an additional battery for larger properties.
- **Unusual noise/vibration:** Immediately turn off the trimmer and remove the battery. Inspect the trimmer head for any debris, tangled line, or damage. Clear any obstructions before resuming operation.

## 9. SPECIFICATIONS

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Attribute	Value
Brand	Greenworks
Power Source	Battery Powered
Color	Green
Item Weight	8.8 Pounds (4.0 kg)
Cutting Width	12 Inches (30.48 cm)
Product Dimensions	30.25"L x 7.5"W
Speed	9000 RPM
Assembly Required	Yes
Battery Type	1 Lithium Ion (included)
Item Model Number	21342
UPC	841821011840

## 10. WARRANTY AND SUPPORT

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The Greenworks 24V 12" Cordless String Trimmer / Edger typically comes with a 3-year warranty on the tool and battery. Please refer to the official owner's manual for detailed warranty information and terms.

For further support, troubleshooting, or to view the complete user guide, please visit the official Greenworks website or refer to the PDF manual:

[Download User Manual \(PDF\)](#)