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› SUNCHERS 12-inch 20V Cordless String Trimmer User Manual

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SUNCHERS 12-inch 20V Cordless String Trimmer User Manual

MODEL: SUSTMAINV5

1. Important Safety Information

For your safety and to prevent damage to the product, please read and understand all instructions before operation. Always wear eye protection and gloves when using this product. Keep bystanders and pets at a safe distance. Do not operate on wet or slippery surfaces. Do not over-reach or use on ladders.

2. Product Overview

The SUNCHERS 12-inch 20V Cordless String Trimmer is a versatile 2-in-1 tool designed for both trimming and edging tasks in lawns, gardens, and yards. It features an auto line feed system and multiple adjustment options for ergonomic use.



Figure 2.1: Complete product package including the string trimmer, two 20V batteries, a charger, and eight replacement spools.

Component Identification



Figure 2.2: Labeled diagram of the string trimmer's main components.

1. **Safety Lock Button:** Must be pressed before engaging the trigger switch. Can be released after the trimmer starts.
2. **Auxiliary Handle:** Provides additional grip and control. Adjustable for user comfort.
3. **Iron Shaft:** The main shaft connecting the handle to the trimmer head.
4. **Trigger Switch:** Activates the trimmer motor.
5. **Spacer Guard:** Protects plants and delicate areas from the cutting line.
6. **Edging Wheel:** Assists in maintaining a consistent height and straight line during edging.
7. **Safety Guard:** Provides protection from flying debris during operation.
8. **Auto Feed Head:** Automatically supplies cutting line as needed.

3. Setup and Assembly

The SUNCHERS string trimmer requires simple assembly before first use. Follow these steps:

1. **Connect the Shaft Sections:** Align the two sections of the iron shaft and push them together until they securely click into place.
2. **Attach the Auxiliary Handle:** Slide the auxiliary handle onto the upper shaft and secure it in a

comfortable position using the provided fasteners.

3. **Install the Safety Guard:** Attach the safety guard to the trimmer head assembly. Ensure it is firmly in place to provide adequate protection.
4. **Install the Edging Wheel:** Secure the edging wheel to the trimmer head as per the instructions.
5. **Insert Battery:** Ensure the battery is fully charged before inserting it into the battery slot on the main handle.



Figure 3.1: Step-by-step visual guide for easy installation and guard protection.

Battery Charging

The string trimmer comes with two 2.0Ah lithium-ion batteries and a charger. To charge the batteries:

1. Ensure the battery is cool before charging to optimize battery life and safety.
2. Connect the charger to a power outlet.
3. Insert the battery into the charger. The charger will indicate when the battery is fully charged.
4. A fully charged battery provides over 30 minutes of working time, allowing for complete yard work.

2 x 2.0Ah Battery Fast Charger



Figure 3.2: The 20V 2.0Ah lithium-ion battery and fast charger.

4. Operating Instructions

Trimmer and Edger Functionality

The SUNCHERS string trimmer functions as both a trimmer and an edger. To switch between modes:

- For trimming, hold the tool with the cutting head parallel to the ground.
- To use as an edger, rotate the direction of the head (ensure the staff is rotated to 0° before rotating the head). The integrated wheel assists in precise edging along paths and driveways.



Figure 4.1: Demonstrating the 2-in-1 trimmer and edger functionality.

Automatic Line Feed

The trimmer features an auto-feed mechanism that automatically supplies cutting line as it wears down. The line cut feature ensures the rope remains at the correct length for optimal performance.



Figure 4.2: Detail of the auto-feed spool system.

Adjustments for Ergonomic Use

The trimmer is designed with multiple adjustment points to enhance user comfort and adaptability to different spaces:

- **90° Adjustable Cutting Head:** Allows you to easily change the angle of the cutting head to reach difficult areas or for specific trimming needs.
- **180° Adjustable Auxiliary Handle:** The auxiliary handle can be rotated 180 degrees to find the most comfortable and controlled grip for various tasks.



Figure 4.3: Overview of ergonomic adjustment capabilities.



Figure 4.4: 180° Auxiliary Handle Adjustment.



Figure 4.5: 90° Cutting Head Tilt.



Figure 4.6: 90° Head Rotation for Edging.

Spacer Guard Protection

The integrated spacer guard helps protect delicate plants, flowers, and other objects from accidental contact with the cutting line during operation.



5. Maintenance

Replacing the Spool Line

The product includes 8 extra coils (spools) for continued use. When the cutting line on the current spool runs out or becomes too short, replace it with a new one. Refer to the auto-feed head section for proper line installation.

Cleaning and Storage

- Always remove the battery before cleaning or performing any maintenance.
- Clean the trimmer head and safety guard regularly to remove grass clippings and debris. Use a damp cloth; do not use harsh chemicals.
- Store the trimmer in a dry, secure location, away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your SUNCHERS string trimmer, refer to the following common problems and solutions:

- **Trimmer Not Starting:** Ensure the battery is fully charged and properly inserted. Press the safety lock button before engaging the trigger switch.
- **Reduced Performance/Weak Cutting:** Check if the cutting line is too short or worn out. Replace the spool if necessary. Ensure the battery is fully charged. The trimmer is designed for normal length and thickness weeds; it may struggle with tough or dense vegetation.
- **Line Not Feeding Automatically:** Inspect the auto-feed head for any obstructions or tangled line. Ensure the spool is correctly installed.
- **Excessive Vibration:** Check for any loose components or damaged cutting line. Ensure all parts are securely assembled.

If the problem persists after attempting these solutions, please contact customer support.

7. Specifications

Feature	Detail
Brand	sunchers
Model Number	sustmainv5
Power Source	Battery Powered
Battery Type	2 x 2.0Ah Lithium Ion (included)
Cutting Width	12 Inches
Product Dimensions	46.85"L x 12.5"W
Item Weight	7.65 pounds
Color	Green
Assembly Required	Yes
Recommended Uses	Trimming and edging lawns, gardens, and yards

8. Warranty and Support

SUNCHERS is committed to providing quality products and customer satisfaction. We stand behind our products and are dedicated to meeting your needs.

For any questions, concerns, or support needs regarding your 12-inch 20V Cordless String Trimmer, please refer to the contact information provided with your product packaging or visit the official SUNCHERS website for assistance.