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SamFansar 14072812

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Model: 14072812

1. INTRODUCTION

Thank you for choosing the SamFansar 21V 2000mAh Electric Rotary Lawn Mower. This versatile 3-in-1 cordless tool is designed for efficient lawn care, functioning as a trimmer, edger, and mower. Its lightweight design, adjustable features, and multiple blade options make it suitable for various gardening tasks. Please read this manual thoroughly before operation to ensure safe and effective use of your new lawn mower.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Understand all instructions and warnings before use.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, long pants, sturdy footwear, and hearing protection. Gloves are recommended.
- **Clear Work Area:** Before starting, inspect the area for rocks, debris, wires, or other objects that could be thrown by the blades. Remove children and pets from the work area.
- **Battery Safety:** Use only the specified charger and batteries. Do not charge damaged batteries. Do not expose batteries to extreme temperatures or moisture.
- **Blade Safety:** Blades are sharp. Handle with care. Disconnect the battery before performing any maintenance, cleaning, or blade changes.
- **Avoid Wet Conditions:** Do not operate the mower in wet grass or rain to prevent electric shock and loss of control.
- **Maintain Control:** Always maintain a firm grip on the handle. Do not overreach. Keep proper footing and balance at all times.
- **Storage:** Store the tool and batteries in a dry, secure place, out of reach of children.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any parts are missing or damaged, contact customer support.

- 1 x Electric Lawn Mower Unit
- 2 x 21V 2000mAh Batteries
- 1 x Round Saw Blade (for twigs and shrubs)
- 2 x Stainless Steel Blades (for lawns and tougher weeds)
- 5 x Plastic Blades (for tender grass)
- 1 x Wheel Set
- 1 x Battery Charger
- 1 x User Manual (this document)
- Assembly Tools (e.g., wrench, screws)



Image: Overview of the SamFansar Electric Rotary Lawn Mower and its complete set of accessories, including batteries, charger, various blades, and wheel set.



Package Includes

- 1 x Electric Lawn Mower
- 2 x Batteries
- 1 x Round Blade
- 2 x Stainless Steel Blades
- 5 x Plastic Blades
- 1 x Wheel Set
- 1 x User Manual
- 1 x Charger

Image: A visual representation detailing each component included in the product package, confirming the presence of the mower unit, batteries, charger, and different blade types.

4. ASSEMBLY AND SETUP

The SamFansar Electric Rotary Lawn Mower is designed for straightforward assembly.

- Handle Assembly:** Attach the auxiliary handle to the main shaft. Ensure it is securely fastened at a comfortable position for your grip.
- Wheel Set Installation:** Securely attach the wheel set to the base of the mower unit using the provided screws and tools. This allows for easier maneuverability during mowing tasks.
- Blade Selection and Installation:**
 - For **tender grass**, use the **plastic blades**.
 - For **general lawns and tougher weeds**, use the **stainless steel blades**.
 - For **twigs and small shrubs**, use the **circular saw blade**.

To install a blade, ensure the battery is removed. Align the blade with the spindle and secure it with the appropriate fasteners. Refer to the diagrams for correct orientation.

- Telescopic Rod Adjustment:** Loosen the locking mechanism on the telescopic rod. Adjust the rod to a height between 88cm (34.6 inches) and 120cm (47.2 inches) that is comfortable for your posture, then tighten the locking mechanism.
- Battery Charging:** Insert a 21V 2000mAh battery into the charger. Plug the charger into a standard power outlet. The charging indicator light will show the charging status. A full charge typically takes 2-3 hours per battery. Ensure batteries are fully charged before first use.
- Battery Insertion:** Once charged, slide the battery into the battery compartment on the handle until it clicks securely into place.



Image: Illustrates the ease of assembly for the SamFansar wheeled grass trimmer compared to other models, highlighting its flexible height adjustment and stable design.



Image: The SamFansar Electric Rotary Lawn Mower with key dimensions labeled, showing the adjustable height range of 88cm to 120cm and a base width of 15cm.

5. OPERATION

This 3-in-1 tool offers versatility for various lawn care needs.

5.1 General Operation

- **Starting:** Press and hold the safety lock button, then squeeze the trigger switch to start the motor.
- **Stopping:** Release the trigger switch to stop the motor.
- **Adjustable Head:** The cutting head can be adjusted to various angles to facilitate trimming in different areas and for edging. Loosen the adjustment knob, set the desired angle, and re-tighten.
- **Grass Guard Board:** The integrated grass guard board helps prevent debris from splashing during operation, enhancing safety.

5.2 3-in-1 Functionality

The mower can be easily converted to perform different tasks:

- **Trimmer Mode:** Use with plastic or stainless steel blades for general grass trimming. Move the unit steadily across the area to be trimmed.
- **Edger Mode:** Adjust the head angle and use the wheel set to guide the blade along lawn edges for a clean finish.
- **Mower Mode:** For wider areas, utilize the wheel set and appropriate blade (stainless steel or circular saw) to cut grass evenly, similar to a traditional walk-behind mower.



Image: Demonstrates the three types of blades included: a circular saw blade for twigs and shrubs, flat iron blades for lawns and general shrubbery, and plastic blades for tender grass.

3-IN-1 Cordless Lawn Trimmer For All Jobs

easily convert to different tools in seconds



Image: A composite image illustrating the SamFansar cordless lawn trimmer's versatility, showing it in use as an edger, a mower, and a general grass trimmer.

Item Name: Electric Lawn Mower

Material: ABS, Metal

Motor: 650W

No Load Speed: 18000 RPM

Battery: 21V 2000mAh Built-in Battery

Charging Time: Approximately 2-3 Hours Per Battery

No-load Time: 120-150 Minutes

Working Cutting Time: 30 to 60 Minutes

Number of Batteries: 2

Cutting Diameter: 6 inch (150mm)

Adjustable Length: 88cm-120cm (34.6 Inches to 47.2 Inches)

Features: Telescopic Rod, D-shaped Handle, Powerful Motor

Size Details:
L: 120cm/47.24", W: 15cm/5.91", H: 15cm/5.91"(Approx.)

88cm-120cm/
34.6in-47.2in

15cm/5.9in

Image: Shows the 21V cordless lawn mower in operation, emphasizing its effortless and time-saving benefits, including quick cutting, noise reduction, and a 200mm cutting path.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your lawn mower.

- **Cleaning:** After each use, disconnect the battery and clean the cutting head, blades, and guard with a brush or damp cloth. Remove any accumulated grass or debris. Do not use harsh chemicals.
- **Blade Inspection:** Regularly inspect blades for wear, damage, or dullness. Replace worn or damaged blades immediately to maintain cutting efficiency and safety.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.
- **Storage:** Store the lawn mower in a dry, protected area away from direct sunlight and extreme temperatures. Ensure the battery is removed before storage.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Mower does not start	Battery not charged or improperly inserted; Safety button not pressed; Faulty switch	Ensure battery is fully charged and correctly inserted. Press safety button before trigger. If issue persists, contact support.
Poor cutting performance	Dull or damaged blades; Incorrect blade type for task; Overgrown or wet grass	Replace blades. Select appropriate blade for grass type. Avoid cutting wet or excessively tall grass.
Excessive vibration	Bent or unbalanced blade; Loose components	Inspect and replace bent blades. Tighten all fasteners.
Short battery life	Battery not fully charged; Old battery; Heavy load	Ensure full charge. Consider replacing old batteries. Avoid pushing the mower through very dense or tall grass.

8. SPECIFICATIONS

Technical details for the SamFansar 21V 2000mAh Electric Rotary Lawn Mower.

Feature	Specification
Brand	SamFansar
Model Number	14072812
Power Source	Battery Powered
Battery Type	21V 2000mAh (x2 included)
Motor Power	650W
No-Load Speed	18000 RPM
Charging Time	Approx. 2-3 hours per battery
Working Cutting Time	30-60 minutes per battery (depending on load)
Cutting Width	6 inches (150mm)
Adjustable Length	88cm - 120cm (34.6 inches - 47.2 inches)
Operation Mode	Automatic
Material	ABS, Metal

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.