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› STERWINS Battery-Powered Lawnmower User Manual

Sterwins 600W 40V Battery Lawnmower

STERWINS 600W 40V Battery Lawnmower User Manual

Model: 600W 40V Battery Lawnmower

Brand: Sterwins

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your STERWINS 600W 40V Battery Lawnmower. Please read this manual thoroughly before first use and keep it for future reference.

The STERWINS battery-powered lawnmower is designed for maintaining lawns up to 300 m². Its 3-wheel design offers excellent maneuverability, making it suitable for both flat and uneven terrains with obstacles. The 36 cm cutting width and adjustable cutting height ensure efficient mowing for various lawn types.



Image 1: STERWINS 600W 40V Battery Lawnmower overview.

This image shows the complete STERWINS battery-powered lawnmower from an angled top-down perspective, highlighting its compact design, handle, and grass collection bag.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep children and bystanders away while operating the lawnmower. Wear appropriate personal protective equipment (PPE) including eye protection, sturdy footwear, and hearing protection.

- Read all instructions before operating the appliance.
- Do not operate the lawnmower in wet conditions or rain.
- Ensure the battery is fully charged before use and removed during maintenance or storage.
- Inspect the area to be mowed and remove any objects that could be thrown by the blade.
- Never lift or carry the lawnmower while the motor is running.
- Keep hands and feet away from the cutting blade.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main parts of your lawnmower:

- **Handlebar:** Ergonomic, height-adjustable, foam-coated for comfort.
- **Motor Housing:** Contains the 600W motor and battery compartment.
- **Cutting Deck:** Houses the 36 cm rotary blade.
- **Front Swivel Wheel:** Provides enhanced maneuverability.
- **Rear Wheels:** Large wheels for stability and easy movement.
- **Grass Collection Basket:** 35 L capacity, semi-rigid, with level indicator.
- **Cutting Height Adjustment Lever:** For setting blade height (3-6 cm).
- **Battery Compartment:** For the 40V battery.



Image 2: Lawnmower with included battery and charger.

This image displays the STERWINS lawnmower alongside its 40V battery and the UP40 charger, illustrating the complete power system.

4. SETUP AND ASSEMBLY

4.1 Handlebar Assembly

1. Unfold the handlebar sections and align the holes.
2. Secure the handlebar using the provided knobs and bolts. Ensure it is firmly attached and stable.
3. Adjust the handlebar height to a comfortable position for operation.

4.2 Grass Collection Basket Installation

1. Assemble the semi-rigid grass collection basket according to the instructions.

2. Lift the rear discharge flap of the lawnmower.
3. Hook the grass collection basket onto the designated slots under the flap. Ensure it is securely seated.

4.3 Battery Charging and Installation

1. Connect the UP40 charger to a suitable power outlet.
2. Insert the 40V battery into the charger. The indicator light on the charger will show the charging status.
3. Once fully charged, remove the battery from the charger.
4. Open the battery compartment cover on the lawnmower.
5. Slide the charged battery into the compartment until it clicks into place. Ensure it is fully seated.
6. Close the battery compartment cover.



Image 3: Proper battery insertion into the lawnmower.

This image shows a person wearing gloves inserting the 40V battery into the designated compartment on the top of the lawnmower, demonstrating the correct procedure.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Cutting Height

The cutting height can be adjusted centrally to 4 positions, ranging from 3 cm to 6 cm. To adjust:

1. Ensure the lawnmower is turned off and the battery is removed for safety.
2. Locate the cutting height adjustment lever on the side of the mower.
3. Pull the lever outwards and move it to the desired height setting.
4. Release the lever to lock it into position.



Image 4: Close-up of the cutting height adjustment lever.

This image provides a detailed view of the red lever used to adjust the cutting height of the lawnmower, located near the rear wheel.

5.2 Starting and Mowing

1. Ensure the battery is securely installed.
2. Press and hold the safety button on the handlebar.
3. While holding the safety button, pull the bail lever towards the handlebar. The motor will start.
4. Release the safety button, but continue to hold the bail lever to keep the motor running.
5. Push the lawnmower forward at a steady pace, overlapping each pass slightly to ensure even cutting.
6. The 3-wheel design with a swivel front wheel allows for easy navigation around obstacles.

7. When the grass collection basket indicator shows it is full, empty the basket.
8. To stop the lawnmower, release the bail lever.



Image 5: A person operating the STERWINS lawnmower.

This image shows a user pushing the STERWINS lawnmower across a green lawn, demonstrating its use in a garden setting.



Image 6: Visual representation of lawnmower features.

This composite image highlights key features: the 360-degree maneuverability, the 35L grass collection capacity, and the recommended area coverage of less than 300m² with adjustable cutting heights from 3cm to 6cm.

6. MAINTENANCE

6.1 Cleaning

- Always remove the battery before cleaning.
- After each use, clean the underside of the cutting deck to remove grass clippings. Use a brush or scraper.
- Wipe down the exterior of the lawnmower with a damp cloth. Do not use high-pressure washers or immerse the unit in water.
- Clean the grass collection basket regularly.

6.2 Blade Care

- Regularly inspect the cutting blade for sharpness and damage. A dull blade can tear grass, leading to an unhealthy

lawn.

- If the blade is dull or damaged, it should be sharpened or replaced by a qualified service technician.

6.3 Storage

- Before storing, ensure the lawnmower is clean and dry.
- Remove the battery from the lawnmower.
- The handlebar can be folded for compact storage.
- Store the lawnmower in a dry, secure place, out of reach of children.
- For optimal battery life, store the battery at a temperature between 4°C and 24°C (39°F and 75°F) and with a charge level between 25% and 50%.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lawnmower does not start.	Battery not charged or not properly inserted. Safety button/bail lever not engaged.	Charge battery and ensure it is fully inserted. Engage safety button and pull bail lever simultaneously.
Poor cutting performance.	Dull or damaged blade. Cutting height too low for grass type. Grass collection basket full.	Inspect and sharpen/replace blade. Adjust cutting height. Empty grass collection basket.
Excessive vibration.	Damaged or unbalanced blade. Loose components.	Inspect blade for damage; replace if necessary. Check all fasteners for tightness.
Motor stops during operation.	Battery depleted. Overload protection activated (e.g., very thick grass).	Recharge battery. Reduce load by raising cutting height or mowing smaller sections.

8. SPECIFICATIONS

Feature	Detail
Power Source	Battery (40V)
Motor Power	600 W
Cutting Width	36 cm
Cutting Height Adjustment	4 positions (3 cm to 6 cm)
Grass Collection Capacity	35 L
Recommended Lawn Area	Up to 300 m ²
Product Dimensions (L x W x H)	61.5 x 41.5 x 37 cm
Product Weight	13.1 kg
Manufacturer	ADEO
ASIN	B0CB64G1FM

9. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact your retailer or the manufacturer's customer service. Keep your proof of purchase for any warranty claims.

For further assistance, please refer to the contact information provided with your purchase or visit the official Sterwins website.