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› PowerSmart DB8015 14-Inch 12.5AMP Electric Lawn Mower User Manual

PowerSmart DB8015

PowerSmart DB8015 Electric Lawn Mower User Manual

Model: DB8015

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1. IMPORTANT SAFETY INFORMATION

Read and understand all instructions before operating the lawn mower. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

General Safety Warnings:

- Always wear appropriate personal protective equipment, including eye protection and sturdy footwear.
- Keep children and pets away from the mowing area.
- Do not operate the mower in wet conditions or rain.
- Inspect the area for objects that could be thrown by the blade before mowing.
- Always disconnect power before performing any maintenance or cleaning.
- Ensure all guards and safety devices are in place and functioning correctly.

2. SETUP AND ASSEMBLY

2.1 Unpacking

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. Retain packaging for future storage or transport.

2.2 Handle Assembly

The mower features a fold-over handle for convenient storage. To assemble for use, unfold the handle and secure it in the upright position using the provided knobs or levers. Ensure the handle is firmly locked to prevent movement during operation.



Figure 1: Overview of the PowerSmart DB8015 Electric Lawn Mower, highlighting the fold-over handle, 12.5 AMP motor, 2-in-1 function (bagging & mulching), 10-gallon grass collection bag, and adjustable height setting with 6 options.

2.3 Grass Collection Bag Attachment

Attach the grass collection bag to the rear discharge opening of the mower. Ensure it is securely fastened to prevent grass clippings from escaping during operation.



40L GRASS COLLECTION BAG

Large Capacity For Less Emptying

Figure 2: A person emptying the 40L grass collection bag, demonstrating its capacity for less frequent emptying.

2.4 Power Connection

Connect the mower to a standard 120V, 60Hz electrical outlet using an appropriate outdoor-rated extension cord. Ensure the extension cord is in good condition and rated for the mower's 12.5 AMP power requirement.

3. OPERATION

3.1 Starting the Mower

To start the mower, first press the safety lock button, then pull the switch handle towards you. Release the safety lock button once the mower starts. To stop, release the switch handle.

3.2 Adjusting Cutting Height

The mower offers 6 height adjustments, ranging from 1.0 inches to 3.0 inches. To adjust, locate the height adjustment lever on the mower deck and move it to the desired position. Ensure all wheels are set to the same height for an even cut.



6 HEIGHT ADJUSTMENTS

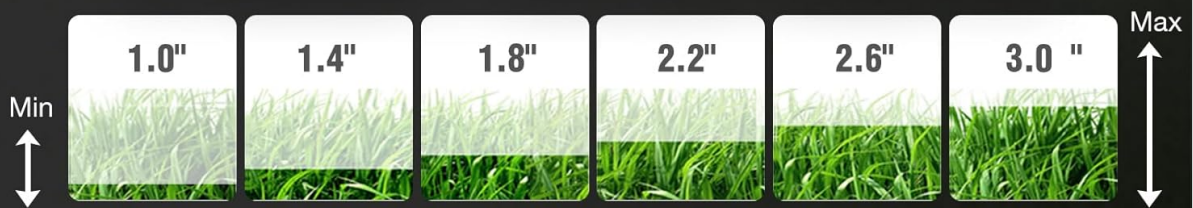


Figure 3: Visual representation of the 6 cutting height adjustments available on the mower, ranging from 1.0 to 3.0 inches.

3.3 Mowing Techniques

Operate the mower in a push-style manner. For best results, mow in straight, overlapping lines. Avoid overloading the motor by cutting excessively long or wet grass. The mower's 7-inch rear wheels and 5.5-inch front wheels contribute to easy maneuverability.



Figure 4: The mower in use, demonstrating its easy maneuverability due to its wheel design.

3.4 2-in-1 Function: Bagging and Mulching

This mower offers both bagging and mulching capabilities. When the grass collection bag is attached, clippings are collected. For mulching, remove the grass bag and ensure the mulching plug (if included) is properly inserted to circulate clippings back into the lawn.



2-IN-1 SYSTEM

MULCHING



BAGGING



Figure 5: The 2-in-1 system, illustrating the mower's mulching and bagging configurations.

3.5 Operational Video

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Video 1: Demonstration of the PowerSmart Electric Mower in operation, showcasing its low noise and lightweight design suitable for residential yards.

4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your lawn mower. Always disconnect the power supply before performing any maintenance.

4.1 Cleaning

After each use, clean the mower deck and exterior with a damp cloth. Remove any accumulated grass clippings from the underside of the deck and around the blade. Do not use a pressure washer or hose directly on the motor or electrical components.

4.2 Blade Inspection and Replacement

Regularly inspect the cutting blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. Replace the blade with a genuine PowerSmart replacement blade if it is dull,

bent, or cracked. Refer to the specifications for the correct blade type.

4.3 Grass Bag Cleaning

Empty and clean the grass collection bag periodically to maintain proper airflow and collection efficiency. Wash with water and mild soap, then allow it to dry completely before reattaching.

4.4 Storage

Store the mower in a dry, protected area. The foldable handle design allows for vertical storage, saving up to 70% of storage space. Ensure the mower is clean and dry before storing for extended periods.



Figure 6: The mower in its folded, vertical storage position, illustrating how it saves space in a garage or shed.

5. TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Mower does not start	No power supply; Safety switch not engaged; Overload protection activated	Check power cord and outlet; Ensure safety lock button and switch handle are fully engaged; Allow motor to cool down, then restart.
Poor cutting performance	Dull or damaged blade; Cutting height too low; Wet or excessively long grass	Sharpen or replace blade; Adjust cutting height; Mow when grass is dry and not excessively long.
Excessive vibration	Bent or unbalanced blade; Loose components	Inspect and replace blade if bent; Tighten all fasteners.
Grass bag not filling	Grass chute clogged; Grass bag full or improperly attached	Clear any blockages; Empty and reattach grass bag securely.

6. SPECIFICATIONS

The following are the technical specifications for the PowerSmart DB8015 Electric Lawn Mower:

Feature	Specification
Model Number	DB8015
Power Source	Electric
Motor	12.5 AMP, 120V, 60HZ
Cutting Width	14 Inches
Cutting Height Adjustment	6 positions (1.0" - 3.0")
Grass Collection Bag Capacity	10 Gallons (approx. 40 Liters)
Operation Mode	Push
Item Weight	32 Pounds
Product Dimensions (D x W x H)	26" x 13.2" x 16.6"



Figure 7: The mower's motor, highlighting its 3400 RPM speed for efficient cutting.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This PowerSmart product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, replacement parts, or warranty inquiries, please contact PowerSmart customer support. Contact details can typically be found on the product packaging, the official PowerSmart website, or your purchase documentation.