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## PowerSmart HB2805A

# PowerSmart 24-Inch 80V Cordless Electric Snow Blower User Manual

Model: HB2805A

## INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your PowerSmart 24-Inch 80V Cordless Electric Snow Blower. Please read this manual thoroughly before operating the snow blower and retain it for future reference.

## SAFETY INFORMATION

**WARNING:** Always keep hands and other body parts away from moving parts. Do not operate in low-light conditions without proper eye protection. Store in a dry, well-ventilated area away from heat sources and flammable materials. Always unplug the snow blower from the charger before storing or transporting.

Familiarize yourself with all controls and safety decals before use. Ensure all guards and safety devices are in place and functioning correctly.

## PRODUCT FEATURES

- **High-Performance Battery:** Equipped with an 80V powerful battery, offering robust performance. Features a 90-minute charging time for efficient task completion. *Note: Battery and Charger Not Included.*
- **Wide Clearing Path:** Features a 24-inch clearing width and 20-inch clearing height, suitable for handling heavy snowfall on large driveways and walkways.
- **Easy Maneuverability:** Includes 13-inch wheels and adjustable skid shoes for excellent traction and stability on various surfaces, including gravel and packed snow. Equipped with Speed Self-Propelled module with forward and reverse directions for easy control and one-handed operation.
- **User-Friendly Controls:** Features a 180° chute rotation button and an LED light for increased visibility, allowing precise snow discharge and safe operation in low-light conditions.
- **Durable Construction:** Built with high-quality materials, including a heavy-duty steel auger and impeller, designed to cut through tough icy snow and withstand harsh winter conditions for reliable performance.

## SETUP AND ASSEMBLY

Follow these steps for initial setup and assembly of your snow blower:

1. **Install the Lower Handle:** Secure the lower handle to the main unit using the provided hardware.
2. **Install the Upper Handle:** Attach the upper handle assembly, ensuring all connections are firm. Plug and tighten the control signal cable.
3. **Install the Chute Assembly:** Mount the snow discharge chute, securing it with the designated fasteners.
4. **Install Skid Shoes:** Attach the skid shoes to the bottom of the auger housing. These are adjustable for height.
5. **Insert Battery:** Open the battery compartment, insert the 80V battery, and ensure the latch is securely in place.

Your browser does not support the video tag.

Video: PowerSmart Cordless Electric Snow Blower Installation Guide. This video demonstrates the step-by-step assembly process for the snow blower, including handle and chute installation, and battery insertion.

## OPERATING INSTRUCTIONS

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Before operating, ensure the battery is fully charged and securely installed. Wear appropriate safety gear, including eye protection.

1. **Starting the Snow Blower:** Press and hold the ON/OFF switch. Then, squeeze the drive and auger triggers within 3 seconds. If the machine does not start, restart after 3 seconds.
2. **Adjusting Chute Direction:** Use the 180° chute rotation button to direct snow discharge away from desired areas.
3. **Adjusting Speed:** Utilize the Speed Control Lever to adjust the self-propelled speed. The snow blower features both forward and reverse directions.
4. **Using LED Lights:** Activate the LED Light Switch for increased visibility during low-light conditions.
5. **Clearing Snow:** Guide the snow blower through the snow, maintaining a steady pace. The 24-inch clearing width and 20-inch clearing depth allow for efficient snow removal. The two-stage anti-clogging system helps prevent blockages.

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Video: PowerSmart Cordless Electric Snow Blower Operation. This video illustrates the snow blower in action, demonstrating its clearing capabilities, throwing distance, and ease of use in various snow conditions.

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your snow blower.

- **Battery Care:** Always store the battery in a cool, dry place. Charge the battery fully before long-term storage and periodically during off-season to maintain its health.
- **Cleaning:** After each use, clear any snow or debris from the auger housing, chute, and wheels. Ensure the unit is unplugged from the charger and the battery is removed before cleaning.
- **Inspection:** Regularly inspect the auger, impeller, and skid shoes for wear or damage. Replace worn parts as necessary. Check all fasteners for tightness.
- **Storage:** Store the snow blower in a dry, protected area when not in use.

## TROUBLESHOOTING

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If you encounter issues with your snow blower, refer to the following common solutions:

- **Snow Blower Does Not Start:** Ensure the battery is fully charged and properly inserted. Verify that the ON/OFF switch is pressed and held, and both triggers are squeezed within 3 seconds.
- **Reduced Performance:** Check for blockages in the auger or chute. Ensure the skid shoes are adjusted correctly for the snow depth. Verify the battery charge level.
- **Unusual Noises/Vibrations:** Immediately turn off the unit and remove the battery. Inspect for loose parts, foreign objects,

or damaged components. Contact customer support if the issue persists.

## SPECIFICATIONS

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Specification	Value
Brand	PowerSmart
Model Number	HB2805A
Power Source	Battery Powered (80V)
Product Dimensions	42.1"D x 24.2"W x 43.7"H
Item Weight	140 Pounds
Color	Black
Engine Type	Electric
Voltage	80 Volts
Ideal Snow Depth	20 Inches
Clearing Width	24 Inches
GTIN / UPC	840432707296

## WARRANTY AND SUPPORT

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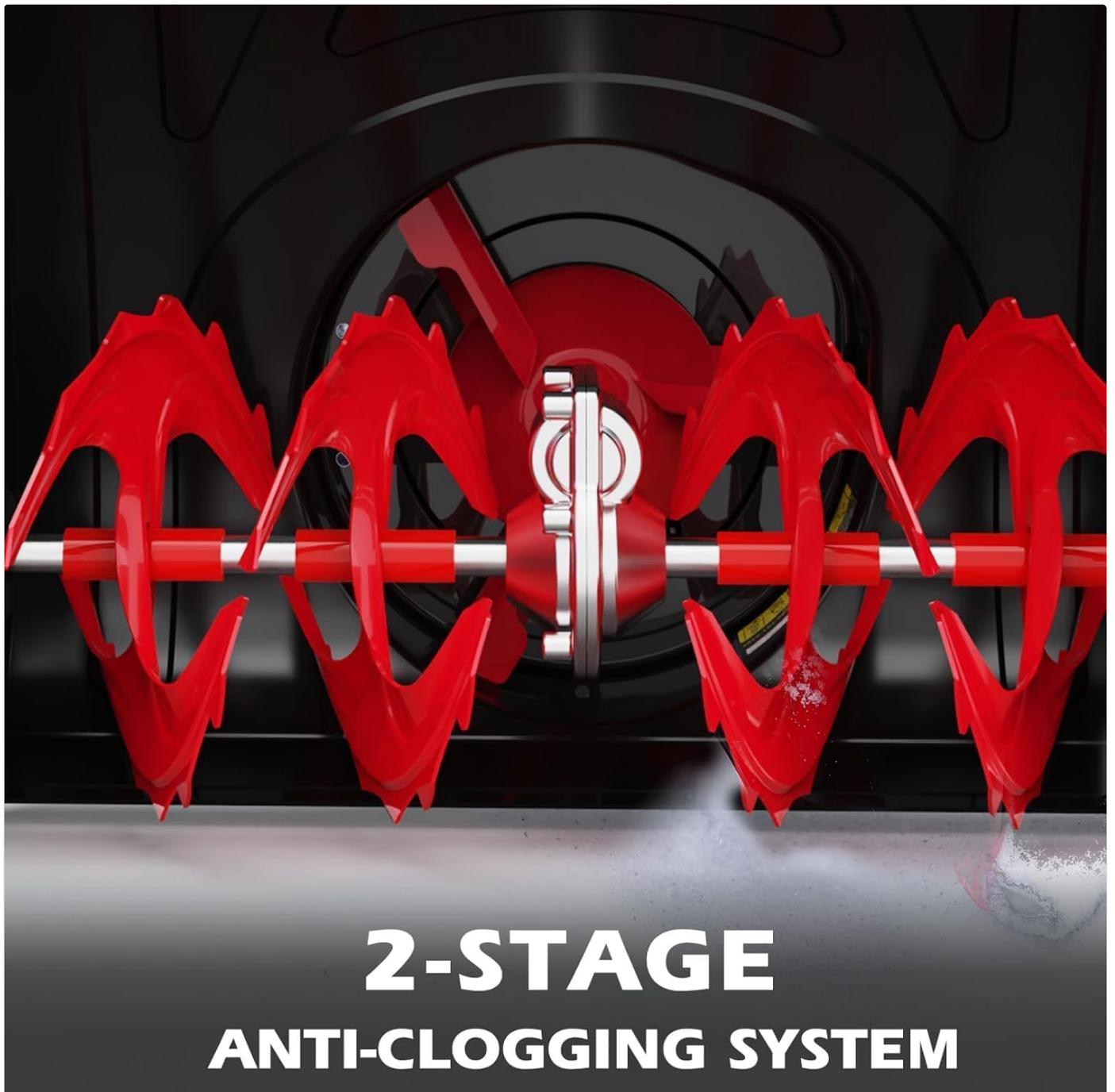
For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official PowerSmart website. Keep your proof of purchase for warranty claims.

## MEDIA GALLERY

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Image: The PowerSmart snow blower demonstrating its 24-inch clearing width and 20-inch clearing depth.



## **2-STAGE ANTI-CLOGGING SYSTEM**

Image: Close-up view of the snow blower's 2-stage anti-clogging system, featuring a heavy-duty steel auger.

POWERSMART<sup>®</sup>

**MAX**

**80 6.0Ah**  
**LITHIUM-ION**



Image: The PowerSmart 80V 6.0Ah Lithium-Ion battery, which powers the snow blower.



# HIGH EFFICIENCY BRUSHLESS MOTOR

Image: An illustration highlighting the high-efficiency brushless motor, providing powerful performance.



# 50 FT THROWING DISTANCE

Image: The snow blower demonstrating its capability to throw snow up to 50 feet.

# POWERSMART<sup>®</sup> 80V SP

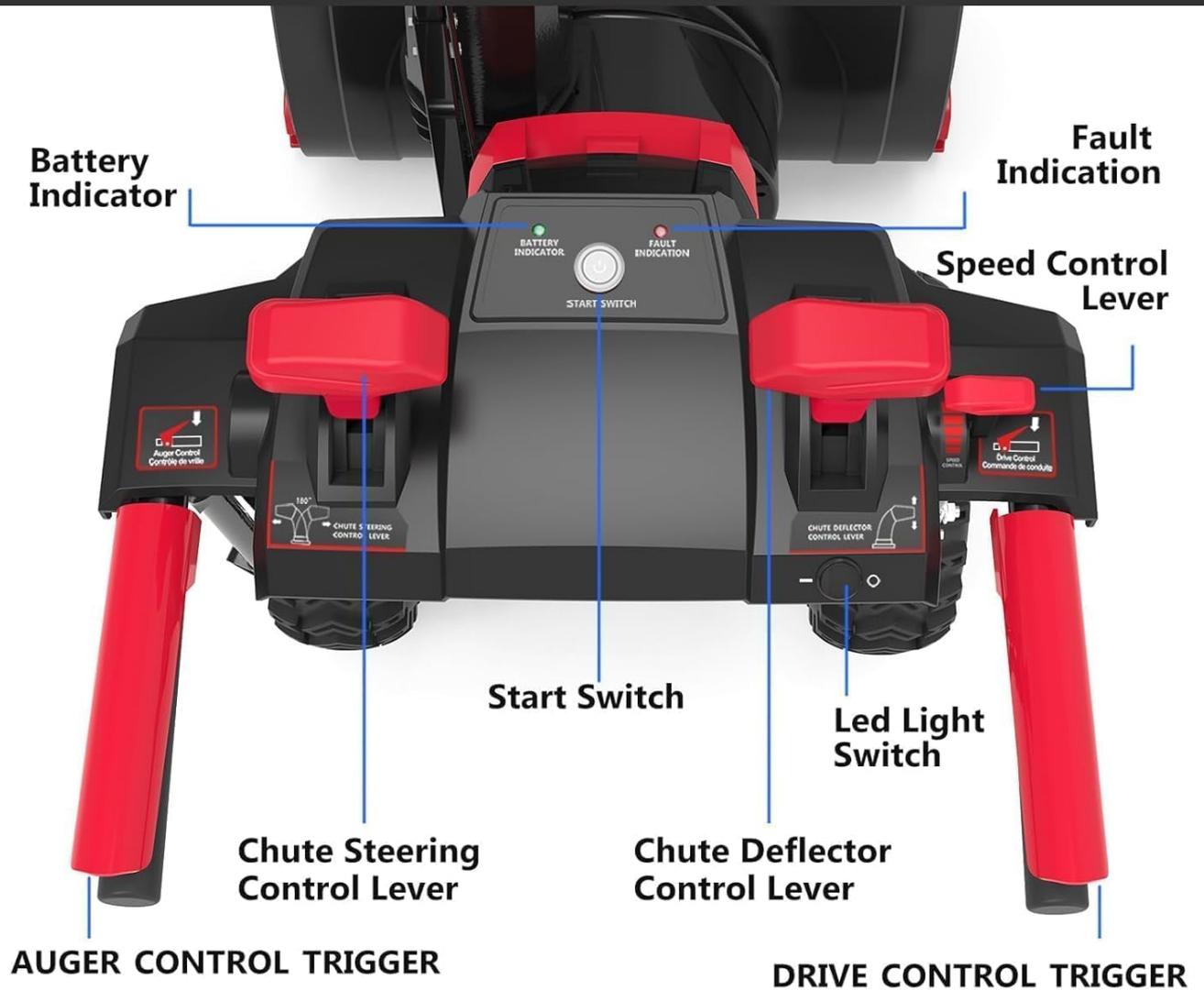


Image: Detailed view of the user-friendly control panel, showing the battery indicator, start switch, fault indication, speed control lever, chute steering control lever, chute deflector control lever, LED light switch, auger control trigger, and drive control trigger.