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PowerSmart HB2805B

PowerSmart 80V 24-inch Cordless Snow Blower Instruction Manual

Model: HB2805B

Brand: PowerSmart

IMPORTANT SAFETY INFORMATION

WARNING: Keep hands and other body parts away from rotating parts. Always operate the snow blower with caution and follow the instructions in the user manual. Always wear appropriate protective clothing and eye protection when operating the snow blower.

PRODUCT COMPONENTS

The PowerSmart 80V 24-inch Cordless Snow Blower, Model HB2805B, is designed for efficient snow removal. It features a robust two-stage system and comes with two 6.0Ah batteries and a charger.

PERFORMANCE

RUNTIME	50 MINUTES
CLEAR UP TO	14 CAR SPACES
CLEARING WIDTH & DEPTH	24" x 10"
PLOWING CAPACITY	1860 LBS/MIN
TYPE OF SNOW	FLUFFY HEAVY

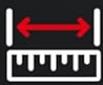


Figure 2: Performance overview of the snow blower.

The snow blower effectively clears a path 24 inches wide and up to 10 inches deep, making it suitable for driveways and walkways.



For compacted snow, it is recommended to reduce the clearing width.



24" CLEARING
WIDTH



10" CLEARING
DEPTH

Figure 3: Clearing width and depth in action.

The unit is powered by two 80V 6.0Ah Lithium batteries, providing cordless operation and extended runtime.



80Vx2 Double your runtime with swappable batteries!



GREEN POWER No oil, no fume, no emission



BATTERY POWER

Figure 4: PowerSmart 80V 6.0Ah Lithium batteries.

With its powerful battery system, the snow blower can clear up to 14 standard car spaces on a single charge.



Figure 5: Snow blower clearing capacity.

The heavy-duty two-stage construction features a steel auger to break up snow and a high-speed impeller to eject it, preventing clogging.



Figure 6: Two-stage construction for anti-clogging performance.

The self-propelled system offers continuously variable transmission for smooth and effortless operation, with controls conveniently located on the handle.



SELF-PROPELLED CVT

TRANSMISSION FOR SMOOTH, EFFORTLESS OPERATION

Figure 7: Self-propelled CVT controls.

Equipped with an electronic chute adjustment joystick and an LED headlight, the snow blower provides visibility and precise snow direction control, even in low light conditions.



Figure 8: Convenient features: 180° rotating chute and LED headlight.

The snow blower features a high-quality brushless motor for efficient power delivery and a durable steel auger for effective snow handling.



Figure 9: Premium quality brushless motor and steel auger.

SETUP AND INITIAL ASSEMBLY

Before operating your PowerSmart snow blower, ensure all components are correctly assembled according to the manufacturer's instructions. This typically involves attaching the handle, chute, and skid shoes.

Video 1: This official video demonstrates the assembly process and key operational features of the PowerSmart 80V 2-Stage Self-Propelled Snow Blower, including starting procedures and chute adjustments.

Ensure the batteries are fully charged before first use. Insert the fully charged 80V 6.0Ah Lithium batteries into their designated compartments, ensuring they click securely into place. Verify all connections are tight and secure.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls before starting the snow blower. The unit features a self-propelled drive system and an electronic chute adjustment for ease of use.

- 1. Starting the Unit:** Press and hold the ON/OFF switch. Within 3 seconds, squeeze the drive or auger trigger to start the unit. If more than 3 seconds pass, restart the process.
- 2. Self-Propelled Drive:** Engage the drive control lever to activate the self-propelled function. The continuously variable transmission allows for smooth speed adjustments (forward up to 3 km/h, reverse up to 0.93 km/h).
- 3. Auger Engagement:** Squeeze the auger trigger to activate the heavy-duty auger and impeller system for snow clearing.
- 4. Chute Adjustment:** Use the electronic chute adjustment joystick to control the direction of snow discharge. The chute can rotate 180 degrees.
- 5. Clearing Performance:** The snow blower offers a 24-inch clearing width and 10-inch snow depth capacity, with a plowing capacity of 1860 lbs/min. It is effective on both fluffy and heavy snow.
- 6. LED Headlight:** Activate the LED headlight for improved visibility during operation in low-light conditions.
- 7. Battery Runtime:** The two 80V 6.0Ah Lithium batteries provide approximately 50 minutes of runtime, capable of clearing up to 14 car spaces.

Video 2: This official video demonstrates the assembly process and key operational features of the PowerSmart 80V 2-Stage Self-Propelled Snow Blower, including starting procedures and chute adjustments.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your snow blower. After each use, clear any remaining snow or debris from the auger and chute. Inspect the auger blades and skid shoes for wear and tear. Store the unit in a dry, protected area, and ensure batteries are stored in a cool, dry place and charged periodically during off-season to maintain their health.

TROUBLESHOOTING

If you encounter issues with your PowerSmart snow blower, refer to the following general guidelines. For specific problems, consult the detailed troubleshooting section in your full user manual.

- **Unit Not Starting:** Ensure batteries are fully charged and properly inserted. Check that the ON/OFF switch is pressed and the trigger is squeezed within 3 seconds.
- **Reduced Performance/Clogging:** This can occur with wet, heavy snow. Ensure the auger area and chute are clear of obstructions. Use the provided clearing tool if necessary, but always turn off the unit and remove the battery before clearing clogs.
- **Battery Fault Indication:** If a fault light appears, refer to the battery and charger manual for specific diagnostic steps. Ensure the battery is securely seated.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	PowerSmart
Model Number	HB2805B

Power Source	Battery Powered
Voltage	80 Volts
Clearing Width	24 Inches
Ideal Snow Depth	10 Inches
Engine Type	Electric (Battery-Powered)
UPC	840432702574
Manufacturer	AMERISUN

WARRANTY AND SUPPORT

PowerSmart, founded by Amerisun Inc. and headquartered in Itasca, Illinois, is committed to providing reliable products and dependable service. Like all tools and equipment, products sometimes require repair or replacement.

PowerSmart has over 500 certified repair centers in the U.S. and provides full replacement parts through its IL headquarters. For any issues or support needs, please contact PowerSmart customer service.