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LITEKON 40V Brushless Cordless Snow Shovel

LITEKON 40V Brushless Cordless Snow Shovel Instruction Manual

Model: 40V Brushless Cordless Snow Shovel
Brand: LITEKON

1. Introduction

The LITEKON 40V Brushless Cordless Snow Shovel is designed for efficient and convenient snow removal. It features a powerful brushless motor capable of clearing snow up to 13 inches wide and 6 inches deep, with a throwing distance of up to 25 feet. The unit is powered by a 40V/4.0Ah battery, engineered for performance in low-temperature winter conditions. Its ergonomic and lightweight design, including a shock-absorbing padded grip and auxiliary handle, ensures comfortable use without excessive bending. The adjustable 60° rotatable snow guide plate allows for precise control over snow direction. This electric snow blower is suitable for driveways, steps, patios, decks, sidewalks, and paths, offering quiet operation.

2. Safety Information

- Always keep hands and fingers away from rotating parts.
- Wear appropriate protective gear, including gloves and eye protection.
- Follow battery handling and storage instructions carefully.
- Always unplug and turn off the snow blower before performing any maintenance or cleaning.
- Keep the snow blower out of reach of children and pets when not in use.

3. Product Components

The LITEKON 40V Brushless Cordless Snow Shovel includes the following main components:

- Main Shovel Unit with Brushless Motor
- Adjustable Handle Assembly
- 40V/4.0Ah Lithium-Ion Battery Pack (1 included)
- Battery Charger
- Adjustable Snow Guide Plate
- User Manual

4. Setup and Assembly

The LITEKON 40V Brushless Cordless Snow Shovel requires minimal assembly. Follow these steps:

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Assemble Handle:** The snow shovel handle is typically folded for shipping. Straighten the handle and secure it using the provided bolt and Allen wrench (size 5). Ensure all wires are properly tucked in and connections are secure.
3. **Charge Battery:** Before first use, fully charge the 40V/4.0Ah battery using the supplied charger. The battery features an indicator to show the charge level.
4. **Insert Battery:** Once charged, slide the battery pack into the designated slot on the snow shovel unit until it clicks securely into place.

▶ **Watch video online**
Brushless Cordless Snow Shovel

Video: LITEKON Brushless Cordless Snow Shovel - Assembly and Battery Insertion. This video demonstrates the unboxing, assembly of the handle, and proper insertion of the battery into the snow shovel unit.

5. Operating Instructions

To operate your LITEKON 40V Brushless Cordless Snow Shovel effectively and safely:

1. **Adjust Handle:** Adjust the auxiliary handle to a comfortable position that allows you to operate the shovel without bending over excessively. The 56-inch usage length is designed for ergonomic use.
2. **Adjust Throwing Angle:** Use the 60° rotatable adjustable snow guide plate to direct the snow away from your cleared path. This prevents re-shoveling.
3. **Start the Shovel:** Press the safety button and then engage the throttle to start the motor. The unit may have speed controls (low/high) to adjust power based on snow conditions.
4. **Clear Snow:** Push the snow shovel forward at a steady pace. The 13-inch clearing width allows for efficient passes. For deeper snow (up to 6 inches), you may need to make multiple passes or reduce your speed.
5. **Battery Life:** The 40V/4.0Ah battery provides sufficient runtime for typical residential snow clearing tasks. Monitor the battery indicator if available.



Image: The LITEKON 40V Brushless Cordless Snow Shovel in action, demonstrating its 25-foot snow throwing distance. The powerful motor ensures snow is cleared effectively from the path.



Image: A detailed view of the adjustable throwing angle mechanism on the LITEKON snow shovel, highlighting the 60-degree rotatable snow guide plate for directional control.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your snow shovel:

- **Cleaning:** After each use, remove any snow, ice, or debris from the auger and housing. Ensure the unit is turned off and the battery is removed before cleaning.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.
- **Storage:** Store the snow shovel in a dry, protected area when not in use. The handle can be folded for space-saving storage.
- **Inspection:** Periodically inspect the unit for any loose fasteners, damaged parts, or wear on the auger blades. Replace worn or damaged parts immediately.

7. Troubleshooting

If you encounter issues with your LITEKON 40V Brushless Cordless Snow Shovel, refer to the following common solutions:

Problem	Possible Cause	Solution
Shovel does not start	Battery not charged or improperly inserted; Safety button not pressed; Throttle not engaged.	Ensure battery is fully charged and correctly inserted. Press the safety button before engaging the throttle.
Reduced snow throwing distance	Low battery charge; Wet, heavy snow; Obstruction in auger.	Recharge battery. Clear snow in smaller passes for wet snow. Remove any obstructions (ensure unit is off and battery removed).
Motor stops during operation	Overload due to deep/heavy snow; Battery overheating; Obstruction.	Reduce load by taking smaller passes. Allow battery to cool. Remove obstructions (ensure unit is off and battery removed).

8. Specifications

- **Brand:** LITEKON
- **Power Source:** Battery Powered
- **Product Dimensions:** 8"D x 13"W x 56"H
- **Item Weight:** 9 Pounds
- **Color:** Green
- **Engine Type:** Electric, Brushless
- **Voltage:** 40 Volts
- **Ideal Snow Depth:** 6 Inches
- **Clearing Width:** 13 Inches
- **Batteries:** 1 Lithium Ion battery required (included)

9. Warranty and Support

LITEKON stands behind its products. This cordless snow shovel is covered by a 30-day money-back guarantee. Customer satisfaction is a top priority. If you have any questions or encounter quality problems within 24 months, please feel free to contact LITEKON customer support for assistance. A free replacement will be provided without requiring a return for quality issues within this period.

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