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› DEGGE Electric Cordless Snow Shovel CX-SXJ01 User Manual

DEGGE CX-SXJ01

DEGGE Electric Cordless Snow Shovel User Manual

Model: CX-SXJ01

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings

- Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and sturdy footwear.
- Keep children and bystanders away while operating the snow shovel.
- Do not operate the snow shovel in wet conditions or rain.
- Inspect the area to be cleared for objects that could be thrown by the snow shovel.
- Never direct discharge towards people or pets.

Battery Safety

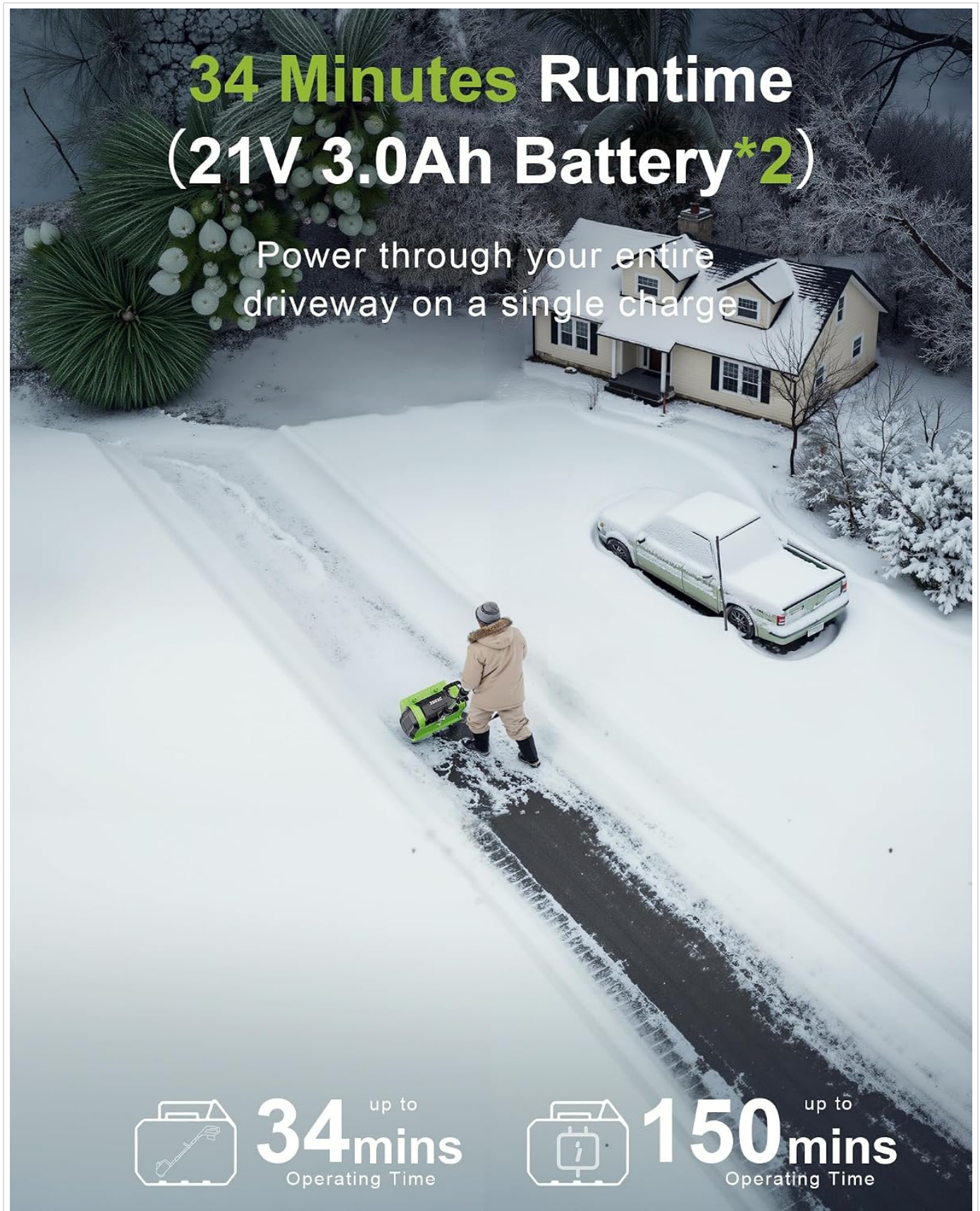
- Use only the specified battery pack and charger.
- Do not charge batteries in damp or wet locations.
- Do not store batteries in temperatures above 104°F (40°C) or below 32°F (0°C).
- Warm up batteries indoors for 30 minutes before use in cold weather.
- Allow batteries to cool before charging after use.

2. PRODUCT OVERVIEW

The DEGGE Electric Cordless Snow Shovel is a lightweight and efficient tool designed to simplify snow removal from various surfaces around your home. Its cordless design offers freedom of movement, powered by two 21V lithium-ion batteries.

34 Minutes Runtime (21V 3.0Ah Battery*2)

Power through your entire
driveway on a single charge



up to
34mins
Operating Time



up to
150mins
Operating Time

Figure 1: DEGGE Electric Cordless Snow Shovel, fully assembled.

Key Features:

- **Dual 21V 3.0Ah Batteries:** Provides extended runtime for clearing driveways, sidewalks, steps, and patios.
- **Lightweight Design:** Weighs only 7.85 pounds, making it easy to maneuver and reducing strain.
- **Efficient Clearing:** 12-inch clearing width and capable of clearing up to 6 inches of dry snow.
- **Adjustable Directional Plate:** Allows for precise control of snow discharge, rotating +/- 45 degrees.
- **Adjustable Front Handle:** Ergonomic design for comfortable operation and better balance.

- **Dual-Switch Safety Mechanism:** Ensures safe operation by preventing accidental starts.

3. WHAT'S INCLUDED

Your DEGGE Electric Cordless Snow Shovel package includes the following components:

- Main Unit (Snow Shovel Head with Motor)
- Upper Handle Assembly (with trigger and battery slot)
- Middle Shaft
- Adjustable Front Handle
- 2 x 21V 3.0Ah Lithium-Ion Batteries
- Battery Charger
- User Manual
- Assembly Screws and Nuts

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Video 1: This video demonstrates the unboxing and lists the components included with the DEGGE Electric Cordless Snow Shovel, followed by a step-by-step assembly guide.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your snow shovel before first use:

1. **Connect the Main Shaft:** Align the main unit (snow shovel head) with the middle shaft. Twist to lock them securely in place. Ensure a firm connection for stable operation.
2. **Attach the Upper Handle:** Connect the upper handle assembly to the other end of the middle shaft. Twist until it locks securely.
3. **Install the Adjustable Front Handle:** Position the adjustable front handle on the middle shaft at a comfortable height. Insert the provided screw and nut, then tighten it firmly to secure the handle. This allows for ergonomic grip and balance during use.
4. **Insert the Battery:** Slide a fully charged 21V battery into the battery slot on the upper handle until it clicks into place.



Figure 2: The adjustable front handle can be positioned for optimal comfort and balance.

Adjustable Direction

Pile snow exactly where you want it

$\pm 45^\circ$



Figure 3: Securely insert the 21V battery into the designated slot on the handle.

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Video 2: This video provides a detailed guide on how to install the main shaft, attach the comfort-grip handle, and insert the high-capacity battery into the snow shovel.

5. CHARGING THE BATTERIES

To ensure optimal performance and battery longevity, follow these charging instructions:

1. Remove the battery from the snow shovel by pressing and holding the release button on the battery.
2. Connect the charger to a standard electrical outlet.
3. Plug the charger cable into the charging port on the battery.
4. The indicator lights on the battery will show the charging status. Charge until all lights indicate a full charge.
5. Once fully charged, disconnect the charger from the battery and the outlet.

Note: For best results, warm up batteries indoors for 30 minutes before use in cold temperatures. Allow batteries to cool down for at least 15 minutes after heavy use before recharging.

6. OPERATING INSTRUCTIONS

Operating your DEGGE Electric Cordless Snow Shovel is straightforward. Follow these steps for effective and safe snow removal:

Starting and Stopping the Unit

1. Ensure a charged battery is securely inserted.
2. Press the safety button located on the handle.
3. While holding the safety button, squeeze the trigger to start the motor.
4. To stop the unit, release the trigger. The safety button will automatically reset.



Easy to use

Power through your entire driveway on a single charge



Step 1

Press the safety button

Step 2

Hold the on trigger

Figure 4: Engage the safety button before pressing the trigger to operate the snow shovel.

Adjusting Snow Direction

The directional plate allows you to control where the snow is thrown:

- Locate the adjustment knobs on the directional plate at the front of the shovel head.
- Rotate the knobs to adjust the chute left or right by up to 45 degrees in either direction.
- Direct the snow away from cleared paths, buildings, or other obstacles.



Figure 5: The directional plate can be adjusted to control the snow throwing direction.

Snow Clearing Tips

- This snow shovel is ideal for clearing up to 6 inches of dry, powdery snow.
- For wet or heavy snow, clear in thin layers to prevent clogging and maintain performance.
- Push the shovel forward at a steady pace, allowing the auger to clear the snow effectively.
- Suitable for driveways, sidewalks, steps, patios, small courtyards, garage entrances, and mailbox areas.

12 IN Clearing Width
6 IN Clearing Depth

Easy snow removal



Figure 6: The snow shovel efficiently clears a 12-inch wide path through snow.

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Video 3: This video demonstrates the DEGGE Cordless Snow Shovel in action, highlighting its efficiency, runtime, and ease of use in clearing snow.

7. MAINTENANCE

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

Cleaning the Unit

- Always remove the battery before cleaning.
- Use a dry cloth to wipe down the exterior of the snow shovel.
- Remove any snow, ice, or debris from the auger and chute area. Do not use water to clean the motor housing.

Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50% capacity.
- Recharge batteries every 3-6 months during extended storage to prevent deep discharge.

General Inspection

- Before each use, check for any loose fasteners, damaged parts, or signs of wear.
- Ensure the adjustable handle and directional plate mechanisms are functioning correctly.
- If any damage is found, do not operate the unit. Contact customer support for assistance.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your DEGGE Electric Cordless Snow Shovel.

Problem	Possible Cause	Solution
Unit does not start	Battery not charged or improperly inserted; Safety button not pressed; Trigger not squeezed.	Ensure battery is fully charged and correctly inserted. Press safety button then squeeze trigger.
Reduced snow clearing performance	Wet/heavy snow; Clogged auger/chute; Low battery charge.	Clear wet snow in thinner layers. Remove battery, then clear any clogs. Recharge battery.
Snow not throwing far enough	Wet/heavy snow; Directional plate misaligned.	Clear wet snow in thinner layers. Adjust directional plate for optimal throw.
Unit stops unexpectedly	Battery overheated or depleted; Overload protection activated.	Allow battery to cool down or replace with a charged one. Reduce load on the unit.

9. SPECIFICATIONS

Technical details for your DEGGE Electric Cordless Snow Shovel:

- **Brand:** DEGGE
- **Model Number:** CX-SXJ01
- **Power Source:** Battery Powered
- **Battery Type:** 2 x 21V 3.0Ah Lithium Ion (included)
- **Item Weight:** 7.85 Pounds (approx. 3.56 kg)
- **Clearing Width:** 12 Inches (approx. 30.5 cm)
- **Ideal Snow Depth:** Up to 6 Inches (approx. 15.2 cm)
- **Adjustable Chute:** +/- 45 degrees
- **Package Dimensions:** 18.13 x 12.88 x 10.88 inches (approx. 46.05 x 32.72 x 27.64 cm)

10. WARRANTY INFORMATION

This DEGGE product is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package or visit the official DEGGE website for specific terms and conditions, including warranty period and claim procedures.

11. CUSTOMER SUPPORT

For any questions, technical assistance, or service inquiries regarding your DEGGE Electric Cordless Snow Shovel, please contact our customer support team. Our representatives are available to help you with product operation, troubleshooting, and parts replacement. Please have your model number (CX-SXJ01) and purchase date available when contacting support.