

## MZK ET1608-1

# MZK 40V 13-inch Cordless Electric Lawn Mower User Manual

Model: ET1608-1

## IMPORTANT SAFETY INSTRUCTIONS

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

- **Keep Area Clear:** Ensure the mowing area is clear of stones, sticks, wires, and other debris that could be thrown by the blade. Keep bystanders, children, and pets at a safe distance.
- **Wear Appropriate Attire:** Always wear safety glasses, long pants, and sturdy, non-slip footwear. Avoid loose clothing or jewelry that could get caught in moving parts.
- **Battery Safety:** Use only MZK specified battery packs and chargers. Do not charge batteries in damp or wet locations. Do not incinerate battery packs.
- **Blade Safety:** Never place hands or feet near the rotating blade. Disconnect the battery pack before cleaning, servicing, or removing material from the mower.
- **Avoid Wet Grass:** Do not operate the mower in wet grass. This can cause slipping and reduce cutting efficiency.
- **Maintain Control:** Always maintain a firm grip on the handle. Walk, do not run, while operating the mower.
- **Slope Operation:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes.

## SETUP AND ASSEMBLY

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Your MZK 40V Cordless Electric Lawn Mower requires some assembly before first use. Follow these steps carefully:

1. **Handle Assembly:** Attach the upper handle to the lower handle, ensuring all locking mechanisms are securely fastened. Connect the control cables as instructed in the included quick start guide.
2. **Grass Catcher Attachment:** Assemble the grass catcher bag and attach it to the rear discharge opening of the mower. Ensure it is securely hooked to prevent grass clippings from escaping.
3. **Battery Installation:** Open the battery compartment cover. Insert two fully charged 20V MZK batteries

into their respective slots until they click into place. Close the battery compartment cover securely.



**Figure 1:** The mower is powered by two 20V batteries, combining to provide 40V of power for robust performance.

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**Video 1:** This video provides an introduction to the MZK 40V Cordless Electric Lawn Mower, showcasing its features such as height adjustment, easy starting, and efficient mowing on various terrains.

## OPERATING INSTRUCTIONS

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### 1. Adjusting Cutting Height

The MZK lawn mower offers 4 adjustable cutting heights to suit various grass conditions and desired lawn lengths. The height can be set between 1.5 inches (3.81 cm) and 2.8 inches (7.11 cm).

1. Ensure the mower is turned off and the battery pack is removed for safety.
2. Locate the height adjustment lever on the side of the mower deck.
3. Pull the lever outwards and move it to the desired position. Release the lever to lock it into place.



**Figure 2:** Adjust the cutting height easily using the 4-position lever, offering settings from 1.5 inches to 2.8 inches for various grass types.

## 2. Starting the Mower

The mower features a two-step activation process for safe startup:

1. Ensure the battery packs are fully charged and correctly installed.
2. Press and hold the safety button located on the handle.
3. While holding the safety button, pull the bail switch lever towards the handle. The motor will start.
4. Release the safety button once the motor is running. To stop the mower, release the bail switch lever.

## 3. Mowing Techniques

For best results, mow in overlapping rows. Avoid cutting more than one-third of the grass blade length at a time. The 13-inch cutting deck and powerful brushless motor ensure efficient operation.

**MZK**

**PERFECT  
FIT FOR  
HOME GARDEN**



**13"  
CUTTING DECK**

**Figure 3:** The 13-inch cutting deck allows for efficient mowing, covering more ground in less time.



Figure 4: The MZK 40V lawn mower provides approximately 40 minutes of continuous operation on a full charge, allowing for efficient lawn care.



**Figure 5:** Equipped with an advanced brushless motor, the mower delivers optimal performance, increased efficiency, and extended tool life.

#### **4. Grass Catcher**

The mower is equipped with a 25-liter grass catcher. Monitor the fill level and empty the bag when full to maintain optimal cutting performance and prevent clogging.

#### **5. Maneuverability**

Weighing only 24.3 pounds, the MZK lawn mower is designed to be lightweight and easy to maneuver, reducing strain during use and making it suitable for various users.



Figure 6: Weighing only 24.3 pounds, this lawn mower is designed for easy maneuverability and transport, reducing user fatigue.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your lawn mower. Always disconnect the battery pack before performing any maintenance.

- **Blade Inspection:** Regularly inspect the 13-inch high-strength steel blade for sharpness and damage. A dull or damaged blade can lead to poor cutting quality and increased motor strain. Replace or sharpen as needed.
- **Cleaning:** After each use, clean the mower deck and grass catcher. Remove any accumulated grass clippings, dirt, or debris. Do not use water directly on electrical components.
- **Battery Care:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. Charge batteries fully before storage and periodically during long storage periods.
- **Storage:** The mower features a space-saving design for vertical storage. Fold the handle down and store the mower upright in a dry, protected area.

# SPACE-SAVING DESIGN

Vertical Placement Saves You 70%



Figure 7: The mower features a space-saving design, allowing for vertical storage to save up to 70% of storage space.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Mower does not start	Battery not installed correctly or discharged. Safety button/bail switch not engaged.	Ensure batteries are fully charged and properly seated. Engage safety button and bail switch simultaneously.
Poor cutting performance	Dull or damaged blade. Cutting height too low for grass type. Grass catcher full.	Inspect and sharpen/replace blade. Adjust cutting height. Empty grass catcher.
Mower stops during operation	Battery discharged. Overload protection activated.	Recharge or replace batteries. Reduce load by raising cutting height or mowing smaller sections.
Excessive vibration	Bent or unbalanced blade. Loose components.	Inspect blade for damage; replace if bent. Check all fasteners for tightness.

## PRODUCT SPECIFICATIONS

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**Brand:** MZK

**Model Number:** ET1608-1

**Power Source:** Battery Powered (2 x 20V)

**Cutting Width:** 13 Inches

**Cutting Height Positions:** 4

**Minimum Adjustable Cutting Height:** 1.5 Inches (3.81 cm)

**Maximum Adjustable Cutting Height:** 2.8 Inches (7.11 cm)

**Grass Catcher Capacity:** 25 Liters

**Item Weight:** 24.3 Pounds

**Product Dimensions (D x W x H):** 30" x 40" x 15"

**Battery Average Life:** Approximately 45 minutes (per charge with 2 x 4AH batteries)

**Motor Type:** Brushless

**Operation Mode:** Manual Push

## WARRANTY INFORMATION

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This MZK product is covered by the manufacturer's standard warranty. Please refer to the separate warranty card included in your product packaging for specific terms, conditions, and registration details. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, replacement parts, or any questions regarding your MZK 40V 13-inch Cordless Electric Lawn Mower, please contact our customer support team:

**Website:** [Visit the MZK Store on Amazon](#)

**Email:** Refer to your product packaging or warranty card for specific email contact.

**Phone:** Refer to your product packaging or warranty card for specific phone contact.

Our dedicated support team is available to assist you with any inquiries.