

[Manuals.plus](#) /

› [MZK](#) /

› MZK 20V 13-inch Cordless Electric Lawn Mower (Model LM13G8) User Manual

MZK LM13G8

MZK 20V 13-inch Cordless Electric Lawn Mower User Manual

Model: LM13G8 / ET2601-1

Brand: MZK

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before operating the lawn mower. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses, sturdy footwear, and hearing protection. Do not operate the mower barefoot or in open-toed sandals.
- **Area Preparation:** Clear the mowing area of objects such as rocks, sticks, wires, and toys that could be thrown by the blade. Keep bystanders, children, and pets at a safe distance (at least 50 feet/15 meters) from the operating area.
- **Operation Conditions:** Operate the mower only in daylight or good artificial light. Avoid operating in wet grass, which can cause slipping and reduce cutting efficiency.
- **Blade Safety:** Never place hands or feet near rotating parts. Disconnect the battery pack before cleaning, servicing, or removing material from the mower.
- **Battery Safety:** Use only the specified battery packs and charger. Do not charge batteries in damp or wet locations. Do not incinerate battery packs, even if severely damaged.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Mow across the face of slopes, never up and down. Avoid mowing excessively steep slopes.
- **Maintenance:** Regularly inspect the mower for damage, loose parts, or worn components. Replace damaged parts immediately.

2. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking.

- 1 × MZK 13-inch Cordless Electric Lawn Mower
- 2 × 20V 4.0Ah Lithium-Ion Batteries
- 1 × Single-Port Battery Charger
- 1 × 8-Gallon (30L) Grass Collection Bag
- 1 × User Manual

3. SETUP

3.1 Handle Assembly

The mower features a foldable handle design for compact storage and easy assembly. Unfold the handle and secure it in the upright position using the quick-release levers or knobs provided on the sides of the handle. Ensure the handle is firmly locked before use.

3.2 Grass Collection Bag Assembly

Assemble the grass collection bag according to the instructions provided with the bag components. Once assembled, lift the rear discharge flap of the mower and hook the grass bag onto the mower chassis. Ensure it is securely attached to prevent grass clippings from escaping.



Image: The 8-gallon grass collection bag being attached to the rear of the mower. This bag collects clippings for easy disposal.

3.3 Battery Charging

Before first use, fully charge both 20V 4.0Ah lithium-ion batteries. Insert each battery into the single-port charger. The

charger indicator light will show the charging status (e.g., red for charging, green for fully charged). Charging time may vary. Always use the MZK-supplied charger.



Image: Two 20V 4.0Ah batteries, which provide power for the mower. Ensure these are fully charged before operation.

3.4 Battery Installation

Open the battery compartment cover, typically located on the top of the mower deck. Insert the fully charged 20V 4.0Ah batteries into their respective slots until they click into place. Close the battery compartment cover securely.

4. OPERATING INSTRUCTIONS

4.1 Starting the Mower (2-Step Safety Start)

The MZK lawn mower features a 2-step safety start mechanism to prevent accidental activation:

1. Press and hold the safety button (usually located on the handle).
2. While holding the safety button, pull the bail switch lever towards the handle. The motor will start.

Release the safety button once the motor is running. To stop the mower, simply release the bail switch lever.



Image: A user demonstrating the 2-step easy start process on the mower's handle, ensuring safe operation.

4.2 Adjusting Cutting Height

The mower offers 4 cutting height settings, from 1.3 inches (33mm) to 2.6 inches (65mm). To adjust the cutting height, locate the height adjustment lever(s) on the mower wheels or deck. Move the lever to the desired position. Ensure all wheels are set to the same height for an even cut.



Image: A user adjusting the cutting height lever on the mower. The image also shows different grass heights corresponding to the settings.

4.3 Mowing Techniques

For optimal results, mow in overlapping rows. The 13-inch cutting deck allows for efficient coverage. For thick or tall grass, consider making two passes or setting a higher cutting height initially, then lowering it for a second pass. The brushless motor provides 2800 RPM on Low and 3400 RPM on High for efficient cutting.



Image: The mower in action, demonstrating its 13-inch cutting width on a lawn.

4.4 Emptying the Grass Bag

Monitor the grass collection bag during operation. When it appears full, stop the mower, release the bail switch, and wait for the blade to stop completely. Carefully remove the grass bag by lifting the rear discharge flap and detaching it. Empty the clippings into a suitable receptacle and reattach the bag securely before resuming operation.

5. MAINTENANCE

5.1 Cleaning

After each use, disconnect the battery pack and clean the mower. Remove any grass clippings, dirt, or debris from the deck, blade area, and wheels. Use a damp cloth for external surfaces. Do not use water jets or harsh chemicals. Ensure all vents are clear of obstructions.

5.2 Blade Care

Regularly inspect the cutting blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. If necessary, have the blade sharpened or replaced by a qualified service technician. Always wear heavy-duty gloves when handling the blade.

5.3 Storage

For long-term storage, ensure the mower is clean and dry. Remove the battery packs and store them in a cool, dry place away from direct sunlight and extreme temperatures. The mower features a compact folding design; fold the handle down to save space. Store the mower in a secure location, out of reach of children.



The image shows a person from the waist down, wearing brown trousers, carrying a red and black MZK compact folding mower. The mower is folded into a compact shape, making it easy to carry. The MZK logo is visible in the top left corner of the image.

COMPACT FOLDING DESIGN



Image: The mower folded for compact storage, being carried by a person. This design allows for easy storage in small spaces.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Mower does not start	Battery not installed correctly or discharged; Safety button/bail switch not engaged; Overload protection activated.	Ensure batteries are fully charged and properly inserted. Engage safety button and bail switch simultaneously. Allow mower to cool down if overloaded.
Poor cutting performance	Dull or damaged blade; Cutting height too low for grass type; Grass bag full; Wet grass.	Inspect and sharpen/replace blade. Adjust cutting height. Empty grass bag. Avoid mowing wet grass.
Short runtime	Batteries not fully charged; Old or worn batteries; Mowing very thick/tall grass.	Ensure batteries are fully charged before use. Consider replacing old batteries. Mow in stages or raise cutting height for dense grass.
Excessive vibration	Damaged or unbalanced blade; Loose components.	Inspect blade for damage and balance. Tighten any loose nuts or bolts. If vibration persists, seek professional service.

7. SPECIFICATIONS

Feature	Specification
Brand	MZK
Model Number	LM13G8 / ET2601-1
Power Source	Battery Powered (2 x 20V 4.0Ah Lithium-Ion)
Motor Type	Brushless
Motor Speed	2800 RPM (Low), 3400 RPM (High)
Cutting Width	13 inches (33 cm)
Cutting Height Adjustment	4 positions (1.3 inches to 2.6 inches / 33mm to 65mm)
Grass Bag Capacity	8 Gallons (30 Liters)
Approximate Runtime	Up to 30-45 minutes (varies with conditions)
Item Weight	12 Pounds (5.44 kg)
Product Dimensions (assembled)	Approximately 44.1"L x 18.5"W x 38.2"H (112cm L x 47cm W x 97cm H)
Material	Plastic

PRODUCT DIMENSIONS



Image: Detailed product dimensions for the MZK lawn mower, including height, width, and length in both operational and folded states.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact MZK customer support directly. Keep your proof of purchase for warranty claims.

If you encounter any issues or have questions regarding the operation, maintenance, or parts for your MZK lawn mower, please contact MZK customer support. Contact details can typically be found on the product packaging or the official MZK website.

© 2026 MZK. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0GVSX3TRX>

More documents and user manuals: **<https://manuals.plus/>**