

## MZK ET2601-1119

# MZK 20V 13-inch Cordless Electric Lawn Mower Instruction Manual

Model: ET2601-1119

## 1. INTRODUCTION

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Thank you for choosing the MZK 20V 13-inch Cordless Electric Lawn Mower. This manual provides essential information for the safe assembly, operation, and maintenance of your new lawn mower. Please read these instructions carefully before use and keep them for future reference. Proper use and care will ensure efficient performance and extend the life of your tool.

## 2. GENERAL SAFETY INSTRUCTIONS

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**WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

### 2.1. Work Area Safety

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2.2. Electrical Safety

- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Use only the charger specified by the manufacturer for the battery pack. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

### 2.3. Personal Safety

- Always wear eye protection and hearing protection when operating the lawn mower.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from

moving parts.

- Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance.

## 2.4. Lawn Mower Specific Safety

- Keep hands and feet away from the cutting area.
- Never operate the mower without the grass bag or discharge chute in place.
- Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown by the machine.
- Do not operate the mower in wet grass.
- Always remove the battery pack when cleaning, servicing, or when the mower is unattended.

## 3. PRODUCT OVERVIEW

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The MZK 20V 13-inch Cordless Electric Lawn Mower is designed for efficient grass cutting in yards, gardens, and farms. It features a brushless motor, dual-battery system, and adjustable cutting height for versatile use.



Image: The MZK 20V 13-inch Cordless Electric Lawn Mower, showcasing its compact design and red and black color

### 3.1. Key Features

- **High-Performance Brushless Motor:** Delivers 2800 RPM (Low) and 3400 RPM (High) for efficient cutting.
- **Dual-Battery Runtime:** Powered by two 20V 4.0Ah lithium batteries, providing up to 30 minutes of runtime.
- **13-inch Cutting Deck:** Covers more ground with fewer passes.
- **30L Removable Rear Grass Bag:** Simplifies grass collection and cleanup.
- **4-Position Cutting Height Adjustment:** Settings from 1.3 inches to 2.6 inches.
- **2-Step Safety Start:** Prevents accidental start-up.

## 4. SETUP

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Your MZK lawn mower requires some assembly before first use. Ensure all components are present and undamaged before proceeding.

### 4.1. Package Contents

- 1x 13-inch Cordless Lawn Mower
- 2x 20V 4.0Ah Batteries
- 1x Single-Port Charger
- 1x 8-Gallon (30L) Grass Bag
- Instruction Manual

### 4.2. Handle Assembly

1. Unfold the lower handle section and secure it into position.
2. Attach the upper handle section to the lower handle using the provided knobs and bolts. Ensure the handle is firmly secured.
3. Route the power cable along the handle and secure it with the cable clips.

### 4.3. Grass Bag Assembly

1. Assemble the grass bag frame and attach the fabric bag to the frame.
2. Lift the rear discharge flap of the mower.
3. Hook the assembled grass bag onto the mower's rear housing. Ensure it is securely seated to prevent grass clippings from escaping.

### 4.4. Battery Charging

1. Insert the 20V 4.0Ah battery into the single-port charger.
2. Plug the charger into a standard electrical outlet.
3. Allow the battery to charge fully before first use. The charger indicator light will change to indicate a full charge.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Installing and Removing Batteries

1. **Installation:** Open the battery compartment cover. Align the two fully charged 20V batteries with the battery ports and slide them in until they click into place. Close the cover.
2. **Removal:** Open the battery compartment cover. Press the battery release tabs and pull the batteries out.

### 5.2. Adjusting Cutting Height

The mower offers 4 cutting height settings, from 1.3 inches (33mm) to 2.6 inches (65mm), to suit different grass conditions and desired lawn length.

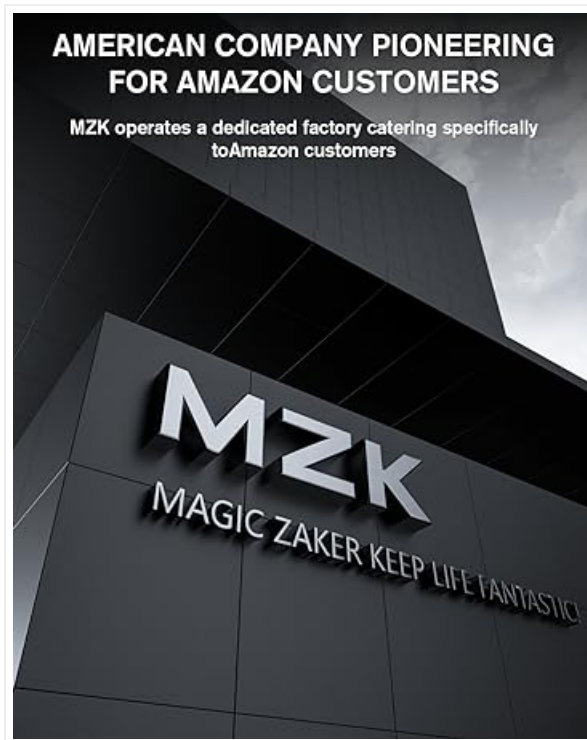


Image: Close-up view of the lawn mower's wheel and red lever, indicating the 4-position cutting height adjustment mechanism with measurements in millimeters.

1. Ensure the mower is turned off and the batteries are removed before adjusting the height.
2. Locate the height adjustment levers on each wheel.
3. Pull the lever outwards and move it to the desired height setting. Ensure all levers are set to the same height.

### 5.3. Starting and Stopping the Mower

1. **Starting:** Ensure batteries are installed. Press and hold the safety button (usually on the handle). While holding the safety button, pull the bail switch lever towards the handle. The mower will start. Release the safety button but continue holding the bail switch lever.
2. **Stopping:** Release the bail switch lever. The mower will stop automatically.

### 5.4. Mowing Tips

- For best results, mow dry grass.
- Do not attempt to cut more than one-third of the grass blade length at a time.
- Overlap cutting swaths slightly to ensure an even cut.
- Change your mowing pattern regularly to prevent matting and uneven growth.

### 5.5. Grass Collection

The 30L grass bag collects clippings, keeping your lawn tidy. Empty the bag regularly to maintain optimal cutting performance and prevent clogging.



Image: A person is shown holding and emptying an 8-gallon grass collection bag filled with green grass clippings, detached from the lawn mower.

1. Turn off the mower and remove the batteries.
2. Lift the rear discharge flap and carefully unhook the grass bag.
3. Empty the grass clippings into a suitable receptacle.
4. Reattach the grass bag securely before resuming operation.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your MZK lawn mower. Always remove the battery pack before performing any maintenance or cleaning.

### 6.1. Cleaning the Mower

- After each use, clean the underside of the mower deck to remove grass clippings and debris. Use a stiff brush or scraper.
- Wipe down the exterior of the mower with a damp cloth. Do not use water jets or high-pressure washers directly on the mower.
- Clean the grass bag regularly to prevent mold and maintain airflow.

## 6.2. Blade Care

- Inspect the cutting blade regularly for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor.
- If the blade is dull, it can be sharpened by a qualified service technician. If it is bent or cracked, it must be replaced.
- When handling the blade, always wear heavy-duty gloves.

## 6.3. Battery Care and Storage

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Charge them periodically if not in use.
- Do not expose batteries to water or moisture.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your lawn mower.

Problem	Possible Cause	Solution
Mower does not start	<ol style="list-style-type: none"><li>1. Batteries not charged</li><li>2. Batteries not properly installed</li><li>3. Safety button not pressed</li><li>4. Bail switch not engaged</li><li>5. Overload protection activated</li></ol>	<ol style="list-style-type: none"><li>1. Charge batteries fully</li><li>2. Reinstall batteries securely</li><li>3. Ensure safety button is pressed before engaging bail switch</li><li>4. Ensure bail switch is fully pulled towards handle</li><li>5. Remove batteries, wait a few minutes, then reinsert and try again</li></ol>
Poor cutting performance	<ol style="list-style-type: none"><li>1. Dull or damaged blade</li><li>2. Cutting height too low</li><li>3. Grass bag full or clogged</li><li>4. Mowing wet or very tall grass</li></ol>	<ol style="list-style-type: none"><li>1. Sharpen or replace blade</li><li>2. Adjust cutting height to a higher setting</li><li>3. Empty and clean grass bag</li><li>4. Mow dry grass; cut tall grass in stages</li></ol>
Excessive vibration	<ol style="list-style-type: none"><li>1. Bent or unbalanced blade</li><li>2. Loose blade bolts</li></ol>	<ol style="list-style-type: none"><li>1. Inspect blade for damage; replace if necessary</li><li>2. Tighten blade bolts (ensure batteries are removed)</li></ol>

## 8. SPECIFICATIONS

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Technical data for the MZK 20V 13-inch Cordless Electric Lawn Mower.

Feature	Specification
Brand	MZK
Model Number	ET2601-1119
Power Source	Battery Powered (2x 20V)
Motor Type	Brushless

Feature	Specification
Cutting Width	13 Inches (33 cm)
Cutting Height Adjustment	4 Positions (1.3 to 2.6 Inches / 33mm to 65mm)
Grass Bag Capacity	8 Gallons (30 Liters)
Item Weight	16.5 Pounds (7.5 kg)
Product Dimensions (D x W x H)	30" x 40" x 15" (76.2cm x 101.6cm x 38.1cm)
Material	Plastic
Assembly Required	Yes

## 9. WARRANTY AND CUSTOMER SUPPORT

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For warranty information, technical assistance, or to order replacement parts, please contact MZK customer support. Keep your purchase receipt as proof of purchase.

Contact information for customer support can typically be found on the product packaging, the manufacturer's website, or your purchase documentation. When contacting support, please have your model number (ET2601-1119) and purchase date available.