

Zipper ZI-EWB300-160L

Zipper ZI-EWB300-160L Cordless Wheelbarrow User Manual

Model: ZI-EWB300-160L

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Zipper ZI-EWB300-160L Cordless Wheelbarrow. Please read this manual thoroughly before first use and keep it for future reference.

2. SAFETY INSTRUCTIONS

2.1 General Safety

- Always wear appropriate personal protective equipment (PPE) such as safety shoes and gloves.
- Ensure the work area is well-lit and clear of obstacles.
- Do not operate the wheelbarrow under the influence of drugs, alcohol, or medication.
- Keep children and bystanders away from the operating area.
- Do not overload the wheelbarrow beyond its maximum capacity of 300 kg.

2.2 Electrical Safety

- Use only the specified battery and charger provided by Zipper.
- Do not expose the battery or charger to moisture or extreme temperatures.
- Inspect the battery and charger for damage before each use. Do not use if damaged.
- Disconnect the battery before performing any maintenance or cleaning.

3. PRODUCT OVERVIEW

The Zipper ZI-EWB300-160L is a powerful cordless electric wheelbarrow designed for efficient transport of bulk goods in various environments. It features a robust design and user-friendly controls.



Figure 3.1: Front view of the Zipper ZI-EWB300-160L Cordless Wheelbarrow, showing the main bucket, handles, and wheels.

3.1 Key Features

- **Model Name: ZI-EWB300-160L:** Part of the Zipper ONE-FOR-ALL series, ensuring battery compatibility with other Zipper devices.
- **Capacity: 160 Litres:** Ideal for transporting bulk goods such as soil, sand, or garden waste.
- **Maximum Load Capacity: 300 kg:** Capable of handling heavy loads with ease.
- **Tyre Size:** 16 x 5.00-8 (drive wheel) and 10 inch (stabiliser wheels) for stable operation.
- **Selectable Forward and Reverse Drive:** Easily switch direction via a selector on the control handle.
- **Electronic Brake:** Can be activated via a selector switch for controlled stopping.
- **Powerful Drive Motors:** Two 280 W motors provide robust propulsion.
- **Long Running Time:** Up to 2.5 hours on a single charge with the 40V / 6Ah battery.

4. SETUP AND ASSEMBLY

The Zipper ZI-EWB300-160L requires minimal assembly. Follow these steps to prepare your wheelbarrow for use.

4.1 Unpacking

1. Carefully remove all components from the packaging.
2. Check for any shipping damage. Contact your dealer immediately if damage is found.
3. Verify all parts are present according to the packing list.

4.2 Battery Installation and Charging

The wheelbarrow comes with one 40V / 6Ah standard battery and a 97W charger.

1. Locate the battery compartment, typically near the motor or under the bucket.
2. Insert the battery into the compartment, ensuring it clicks securely into place.
3. For initial use, fully charge the battery. Connect the charger to a power outlet and then to the battery. The charger indicator light will show charging status.
4. Once fully charged, disconnect the charger.



Figure 4.1: Underside view of the wheelbarrow, illustrating the location of the drive wheels and potential battery housing area.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls before operating the wheelbarrow.

5.1 Controls

- **Control Element:** Located on the right handle for comfortable and safe operation.
- **Selector Switch (Forward/Reverse):** Used to choose the direction of travel.
- **Electronic Brake Switch:** Activates the electronic brake for stopping.

5.2 Starting and Moving

1. Ensure the battery is fully charged and securely installed.
2. Select the desired direction (forward or reverse) using the selector switch on the control handle.
3. Grip the handles firmly.
4. Gently engage the throttle or power lever on the control element to start moving. Increase pressure for more speed.

5.3 Stopping

- Release the throttle/power lever to slow down.
- Activate the electronic brake via its selector switch for immediate stopping or to hold the wheelbarrow on an incline.

5.4 Loading and Unloading

- Distribute the load evenly in the 160-litre bucket to maintain balance.
- Do not exceed the maximum load capacity of 300 kg.
- When unloading, ensure the wheelbarrow is stable. The design allows for easy tipping of the bucket.



Figure 5.1: The wheelbarrow shown in a tilted position, demonstrating its capability for easy unloading of materials.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your wheelbarrow.

6.1 Cleaning

- After each use, clean the bucket and frame to remove dirt, debris, and corrosive materials.
- Use a damp cloth for cleaning. Avoid using high-pressure washers directly on electrical components.
- Ensure all parts are dry before storage.

6.2 Battery Care

- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50-70% capacity.
- Recharge the battery every 3-6 months during long storage periods to prevent deep discharge.

6.3 General Inspection

- Regularly check all nuts, bolts, and fasteners for tightness. Tighten as necessary.
- Inspect tyres for wear and proper inflation (if applicable).
- Check electrical cables and connections for any signs of damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Wheelbarrow does not start.	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Reduced power or short running time.	Battery low or aging. Overload.	Recharge battery. Reduce load. Consider battery replacement if performance doesn't improve.
Unusual noise during operation.	Loose components or foreign objects.	Inspect for loose parts and tighten. Remove any obstructions.
Wheelbarrow pulls to one side.	Uneven load or tyre pressure.	Distribute load evenly. Check and adjust tyre pressure.

If the problem persists after attempting these solutions, please contact Zipper customer support or an authorized service centre.

8. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	ZI-EWB300-160L
Brand	Zipper
Maximum Weight Capacity	300 Kilograms

Specification	Value
Material	Metal
Item Weight	102 kg
Product Dimensions (L x W x H)	112D x 91W x 50H centimetres
Battery Type	Lithium-ion
Battery Voltage	40 V
Battery Capacity	6000 mAh (6 Ah)
Motor Power	2 x 280 W
Bucket Capacity	160 Litres
Tyre Dimensions	16 x 5.00-8 (drive) and 10 inches (stabilisers)



9. WARRANTY AND SUPPORT





For warranty information, please refer to the warranty card included with your product or visit the official Zipper website. Keep your proof of purchase for any warranty claims.

For technical support, spare parts, or service, please contact your authorized Zipper dealer or Zipper customer service. Provide the model number (ZI-EWB300-160L) and serial number (if applicable) when contacting support.

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Related Documents - ZI-EWB300-160L

	<p>ZIPPER ZI-EWB300-160L Electric Wheelbarrow User Manual</p> <p>User manual for the ZIPPER ZI-EWB300-160L electric wheelbarrow, covering technical specifications, assembly, operation, safety, maintenance, and troubleshooting.</p>
	<p>ZIPPER ZI-EWB260 Elektrische Schubkarre Bedienungsanleitung</p> <p>Bedienungsanleitung für die elektrische Schubkarre ZIPPER ZI-EWB260, mit Informationen zu Sicherheit, Montage, Betrieb, Wartung und Fehlerbehebung.</p>

 <p>ZIPPER ZI-EWB200S EAN: 9120039235363</p>	<p>ZIPPER ZI-EWB200S Elektrische Schubkarre Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für die ZIPPER ZI-EWB200S Elektrische Schubkarre, die Sicherheit, Montage, Bedienung, Wartung und Fehlerbehebung abdeckt. Erhältlich in mehreren Sprachen.</p>
 <p>ZIPPER ZI-LGR40V-AKKU EAN: 9120039233031 ZI-BTR40V2AH-AKKU EAN: 9120039233024</p>	<p>ZIPPER 40V Charger and Battery User Manual</p> <p>Comprehensive user manual for ZIPPER's 40V battery charger (ZI-LGR40V-AKKU) and 40V batteries (ZI-BTR40V-AKKU, ZI-BTR40V2AH-AKKU), covering safety, operation, maintenance, and specifications.</p>
 <p>ZIPPER ZI-EWB350 EAN: 9120039234091</p>	<p>ZIPPER Electric Wheelbarrow ZI-EWB350 User Manual</p> <p>User manual for the ZIPPER Electric Wheelbarrow ZI-EWB350, covering safety instructions, technical specifications, assembly, operation, maintenance, and troubleshooting.</p>
 <p>ZIPPER ZI-GRM400 EAN: 9120039231190 ZI-GRM1100 EAN: 9120039231173 ZI-GRM1650 EAN: 9120039231180</p>	<p>ZIPPER ZI-GRM400, ZI-GRM1100, ZI-GRM1650 Chicken Plucker User Manual and Safety Guide</p> <p>Comprehensive user manual and safety guide for ZIPPER chicken pluckers models ZI-GRM400, ZI-GRM1100, and ZI-GRM1650, covering assembly, operation, maintenance, and troubleshooting.</p>