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› [EV Rider](#) /

› [EV Rider MiniRider Lite 4-Wheel Mobility Scooter User Manual](#)

EV Rider EVRider_WT-T4DKC-GREEN

EV Rider MiniRider Lite 4-Wheel Mobility Scooter User Manual

Model: EVRider_WT-T4DKC-GREEN

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your EV Rider MiniRider Lite 4-Wheel Mobility Scooter. Please read this manual thoroughly before operating the scooter to ensure proper use and to prevent injury or damage.

The MiniRider Lite is designed for personal mobility, offering the stability of a 4-wheel scooter with enhanced maneuverability. It features a padded swivel seat with adjustable armrests and a robust design to support users up to 280 lbs.

2. SAFETY GUIDELINES

Always prioritize safety when operating your mobility scooter. Adhere to the following guidelines:

- Do not operate the scooter under the influence of alcohol or medication.
- Ensure the battery is fully charged before each use.
- Always use the scooter on stable, level surfaces. Avoid steep inclines beyond the specified climbing angle.
- Keep hands and feet clear of moving parts.
- Do not exceed the maximum user weight capacity of 280 lbs.
- Be aware of your surroundings and other pedestrians or vehicles.

3. SETUP AND INITIAL USE

3.1 Unpacking

Carefully remove all components from the packaging. Inspect for any signs of damage during transit. Retain packaging for future transport or storage.

3.2 Assembly

The MiniRider Lite is designed for easy assembly and disassembly. Follow the instructions below to prepare your scooter for use:

1. Attach the front and rear sections.
2. Install the battery pack securely.
3. Mount the seat onto the scooter base. Ensure it is locked into place.
4. Adjust the armrests to a comfortable position.

Length	42.5"	Charger	2A Off-Board	Battery range 12V 12AH SLA Battery	Up to 10 miles
Width	19"	Tire Size	8" x 2"	Battery range 12V 18AH SLA Battery	Up to 18 miles
Height	36"	Front Tire	200X50 PU TIRE	Turning radius	52"
Front section	35 lbs	Rear tire	200X50 PU TIRE	Wheelbase	31"
Rear section	26 lbs	Ground clearance	3"	Climbing angle	8 degrees
Battery pack	20 lbs	Seat height	23"	Motor size	270 Watts
Seat	16 lbs	Seat height – cushion to deck	20"	Max. user weight	280 lbs
Weight with batteries	92 lbs	Seat	Fish on seat	Controller	Curtis 45A
without battery	72 lbs	Seat width	17"	Colors	Red, Green, Silver, Blue
Battery	12 AH (option 18AH)	Seat depth	16"		
		Top Speed	4 mph		

Image: The EV Rider MiniRider Lite 4-Wheel Mobility Scooter, showcasing its compact design, basket, and swivel seat.

3.3 Initial Battery Charge

Before first use, fully charge the scooter's battery. Connect the 2A Off-Board charger to the charging port on the scooter and then to a standard wall outlet. The charging indicator will show when the battery is fully charged. An initial charge may take several hours.

4. OPERATING INSTRUCTIONS

4.1 Controls

Familiarize yourself with the control panel, typically located on the tiller. This includes the on/off switch, speed adjustment dial, and forward/reverse levers.

4.2 Driving

To move forward, gently press the forward lever. To reverse, press the reverse lever. Adjust the speed dial to control your maximum speed, up to 4 mph. The scooter has a tight turning radius of 52 inches, allowing for good maneuverability in narrow spaces.

4.3 Swivel Seat Adjustment

The padded seat can swivel for easier access and egress. Locate the swivel lever or button beneath the seat and engage it to rotate the seat. The armrests can also be flipped up or adjusted laterally for comfort.

5. BATTERY INFORMATION

5.1 Charging

Always use the provided 2A Off-Board charger. Charge the battery in a well-ventilated area. Avoid overcharging by disconnecting the charger once the battery is full. Regular charging helps maintain battery life.

5.2 Range

The operating range depends on the battery capacity and usage conditions:

- With a 12V 12AH SLA Battery: Up to 9-10 miles per charge.

- With a 12V 18AH SLA Battery (optional): Up to 18 miles per charge.

Factors such as user weight, terrain, and speed can affect the actual range.

6. MAINTENANCE

6.1 Cleaning

Clean the scooter regularly with a damp cloth. Avoid using abrasive cleaners or direct water spray, which can damage electrical components.

6.2 Storage

When not in use for extended periods, store the scooter in a dry, cool place. Ensure the battery is fully charged before storage and periodically recharge it every few weeks to prevent deep discharge.

6.3 Tire Care

The scooter is equipped with durable 200X50 PU (Polyurethane) tires, which are puncture-resistant and require minimal maintenance. Periodically check for debris or damage.

7. TROUBLESHOOTING

If you encounter issues with your scooter, refer to the following common problems and solutions:

- Scooter does not power on:** Check battery connection and ensure the battery is charged. Verify the on/off switch is engaged.
- Reduced range:** Ensure the battery is fully charged. Battery performance can degrade over time; consider battery replacement if range significantly decreases.
- Unusual noises:** Inspect for loose components or obstructions around the wheels and motor.

For persistent issues, contact EV Rider customer support.

8. SPECIFICATIONS

Feature	Specification
Overall Length	42.5 inches
Overall Width	19 inches
Overall Height	36 inches
Front Section Weight	35 lbs
Rear Section Weight	26 lbs
Battery Pack Weight	20 lbs
Seat Weight	16 lbs
Weight with Batteries	92 lbs

Feature	Specification
Weight without Battery	72 lbs
Battery Type	12 AH (option 18AH) SLA Battery
Charger	2A Off-Board
Tire Size	8" x 2"
Front Tire Type	200X50 PU TIRE
Rear Tire Type	200X50 PU TIRE
Ground Clearance	3 inches
Seat Height	23 inches
Seat Height (Cushion to Deck)	20 inches
Seat Width	17 inches
Seat Depth	16 inches
Top Speed	4 mph
Battery Range (12V 12AH SLA)	Up to 10 miles
Battery Range (12V 18AH SLA)	Up to 18 miles
Turning Radius	52 inches
Wheelbase	31 inches
Climbing Angle	8 degrees
Motor Size	270 Watts
Maximum User Weight	280 lbs
Controller	Curtis 45A
Available Colors	Red, Green, Silver, Blue (Pearl Green for this model)
Material	Aluminum, Faux Leather, Vinyl

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your product or visit the official EV Rider website. Keep your purchase receipt for warranty claims.

