

# MR-16 E-Bike Manual Book

This user manual will help you assemble and operate your new electric scooter. Be sure to read **ALL OF THE INFORMATION** in this manual before riding.

**NOTE TO ALL RIDERS UNDER 18 YEARS OF AGE:** It's very important that you get parental permission before riding your electric bike.



## Don't Ride Until You Read This:



**ALWAYS** wear a helmet when riding your electric bike.



Make sure your electric bike has a **full battery** before taking it out to ride.



**ALWAYS** be aware of local road laws, and follow them.



**DO NOT** ride the bike under the influence of drugs or alcohol.



**ALWAYS** respect pedestrians.



**DO NOT** ride under wet conditions. The electric bike may slide from under your feet causing injury. Wet conditions may damage the electronics and void the warranty.



## Warning Message

1. **AVOID WATER:** The electric bike is not waterproof. The electronics may be damaged due to water, and water damage is not covered by our warranty. Riding in wet conditions is also very dangerous and may result in injury.
2. **AVOID** prolonged exposure to sun or rain and avoid storage in places with high temperatures or corrosive gas.
3. **ABUSE:** We do not cover physical damage due to negligent care and extreme riding.
4. Whenever you ride the electric bike, you risk severe injury or even death from loss of control, collisions, and falls. Use caution and ride at your own risk.
5. **DO NOT** modify the product from the manufacturer's original design.
6. **DO NOT** exceed the posted speed limit and obey all traffic laws.
7. **AVOID** touching the charging port directly, and do not let it make contact with a metal object.
8. Keep hands and all body parts away from moving parts while operating the electric bike.
9. Before riding, be sure to check the electric bike over and make sure the electric bike is operating correctly before each use.

10. Before riding, be sure to check that the braking system is functioning properly; guards supplied by the manufacturer are in place and in serviceable condition.
11. Before riding, make sure that any and all axle guards, chain guards, or other covers, as well as guards supplied by the manufacturer, are in place and in serviceable condition.
12. Before riding, be sure to check that the tires are in good condition, inflated properly, and have sufficient tread remaining.
13. Never exceed the 265 lb maximum load rating.
14. The electric bike should never be used by children under the age of 16.
15. Maximum Speed: Your electric bike goes the maximum speed of 20 mph.
16. Make note that additional insurance may be required to cover situations you encounter while riding an electric bike. It is recommended that you contact an insurance company or broker for advice and consultation.
17. To conserve electricity, use assist mode and avoid zero starting, frequent braking, driving against the wind, carrying heavy loads including other people, and riding with insufficient air pressure.



# Unpacking and Product Specs

Remove all packaging materials, and carefully inspect each item for any potential damage that may have occurred during shipping. You should find the following items in your box:

1



**ELECTRIC BIKE**

2



**TOOLS: (1) LARGE WRENCH,  
(3) ALLEN WRENCH**

3



**BATTERY CHARGER**

ITEM	SPECIFICATIONS
Model	MR-16
Product Dimensions	86x38x65 (cm)
Package Dimensions	150x24x102 (cm)
Max Load	265 lbs
Package Weight	60 lbs
E-Bike Weight	48 lbs
Max Speed	20 mph
Battery	36V7.5AH
Pedal-Assist Mode	Approx 28 miles (45 km)
Pure Electric Mode	Approx 15.5 miles (25 km)
Max Angle of Climb	14 degrees
Charging Time	4-5 hours
Charger	Input 100-240V 50/60HZ AC plug; output 42v2a DC 2.1 charging port
Tire Pressure	35-45 PSI
Bell/Horn Specifications	Electric Horn Installed
Charging Port	5V1A
Frame Material	6061 Aluminum Alloy
IP Level	IPX4



# Get To Know Your E-Bike





## Basic Operation Guidelines

1



Adjust the position of the handlebars.

2



Adjust the basic operation of the riser folding.

3



Take note of the locking safety part of the body folding mechanism.

4



Adjust the brake.



## Adjusting the Seat Tube

1



Push the saddle down.

2



Open the lever of the seat tube.

3



Adjust and rotate the seat.

4



Lock the lever.





## Mounting Pedal

1



Check the L and R marks on the pedals.

2



Take wrench from the toolbox.

3



R means it should be installed on the right side, L means it should be installed on the left side.

4



Tighten the nut counterclockwise.



# Charge Your E-Bike: Method 1

Before using the electric bike, you must fully charge the battery.

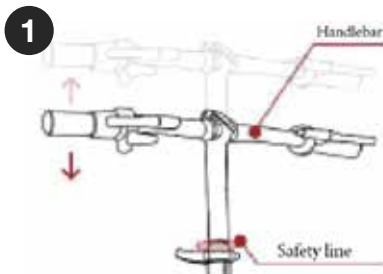


1. Locate the charging port.
2. Plug the charger into a power supply.
3. A red light indicates that the battery is charging, while a green light indicates a fully charged battery.
4. Charging time: 4-5 hours.



# Pre-Ride Preparation

1. **Please read this manual** to understand the performance and related requirements of the product.
2. **Inspect the overall condition of the vehicle**, paying close attention to the brake, tire, handlebar, folding buckle, and quick-release parts of the power folding bike.
3. **Check the circuit system** to ensure the battery has sufficient power to support the required range. If the battery power is insufficient, you must charge it first.
4. **Check the brake system** to ensure that both the brake and the brake power-off function are functioning normally. If the brake power-off function fails, please suspend use and promptly contact our customer service.
5. **Insert the riser at a depth equal to or greater than the minimum depth** (using the safety line as a reference) and secure it by locking the quick lock. (refer to the figure below)
6. **Adjust the height of the saddle tube** according to personal preference, ensuring that the insertion depth is not lower than the minimum specified (using the safety line as a reference). This is crucial for safety. Finally, lock the quick lock as depicted in the figure below.





# Folding the Electric Bike

1



Adjust the saddle pipe and crank by loosening the saddle pipe clamp for quick removal. Insert the saddle tube downward to the bottom and lock the saddle pipe clamp for quick removal. Ensure the crank angle is adjusted to 9 o'clock.

2

*Will add the photo  
when sample finished*

Fold the riser to adjust the T-handle. Loosen the safety ring on the riser. Open the folding handle on the riser. Fold the upper end of the riser downward and make the necessary adjustments.

3



Fold the frame and release the safety hook on the frame folding device. Open the frame folding handle to fold the front wheel to the rear wheel and complete the folding process.



## Basic Operations/Modes

- 1. Power Assist:** Unlock the switch, then step on the foot pedal.
- 2. Pure Electric Mode:** When the key is opened, turn the right-hand handle, and ride in pure electric mode.
- 3. Human Mode:** Without turning on the key switch, the human mode can be selected by directly stepping on the foot pedal.

### SAFETY NOTES:

- Avoid plugging and unplugging the handle when the device is powered on.
- Try to avoid any impact or collisions with the handle.
- Do not alter the background parameter settings of the speed-regulating handle; otherwise, normal riding cannot be guaranteed. If any changes occur, contact customer service immediately and refrain from use.



## Battery Information

Before using the charger, locate the voltage selector switch (li-ion chargers only) on the back. Choose either 115 volts or 230 volts based on your country of residence. Selecting the wrong voltage may result in permanent damage to the charger and/or electrical components on the hybrid electric bicycle.

### **BATTERY ASSEMBLY**

1. Use the matching charger for your E-Bike.
2. Insert the round plug into the E-Bike first, then connect the charger plug to the electrical socket.
3. A red light indicates that the battery is charging.
4. A green light indicates that the battery is fully charged.
5. Note: The lock position may vary between models.
6. The battery is removable and can be charged while attached to the E-Bike or separately when pulled out.
7. Anti-theft system for the battery: Locate the hole under the frame and use the key to lock it.



# Battery Information

## **CHARGING THE BATTERY**

1. When using the charger for the first time, carefully verify that the rated output voltage matches the battery voltage. Also, check if the charger's input voltage aligns with the grid voltage.
2. While charging, place the charger in a well-ventilated area. Insert the charger's output plug into the charging port and plug the electrical power plug into a 100-240V, 50 Hz AC power supply. Ensure the input plug stays connected to the AC outlet.
3. After charging, disconnect the input plug of the charger first, followed by pulling out the output plug connected to the folding car. Avoid leaving the charger connected to the power socket for an extended period without charging.

## **PRECAUTIONS FOR BATTERY PROTECTION**

1. Avoid placing anything on the battery and charger during charging to prevent overheating, which could lead to serious consequences.
2. Please use the charger provided by the original factory to charge the battery. Using a charger other than the original factory charger will disqualify your battery from warranty coverage.

3. You can charge your battery at any time when it loses power.
4. Failure to charge in a timely manner will result in a gradual decline in your battery's performance and a reduction in its service life.
5. Protective measures can help your battery maintain approximately 80% of its capacity after more than 500 charges. However, overall decline is inevitable.
6. Prolonged power loss in the battery can result in permanent performance degradation.
7. If you intend to store your battery for an extended period, please store and discharge it in a cool and dry place.
8. Maintain a temperature between 10-21°C and avoid direct sunlight. Ensure to take the battery out for charging every 30 days.
9. Avoid intentionally short-circuiting the battery, as it may result in very serious consequences.
10. After the battery has reached the end of its life, dispose of it responsibly by researching local recycling regulations.
11. If you have any questions about battery use, maintenance, or storage, please feel free to contact customer service at any time.





# Repair and Maintenance

1. Ensure the front and rear wheels of the vehicle are centered on the front fork or frame, and that the expansion force of each spoke on the wheel rim is similar. Maintain the wheel rim in a regular circle without run-out or offset connections. If there are missing or broken spokes, it can affect the smoothness of the rim. Seek assistance from a professional technician for debugging.
2. Ensure the rim is smooth; any irregularities may increase riding resistance or pose a safety risk.
3. Your folding car is equipped with a high-quality drive chain. Please keep the chain clean and lubricate it regularly with clean oil for continuous maintenance.
4. Before each ride, please check the brake pads for wear to ensure safety during the ride.
5. Avoid riding in wet or snowy weather. If unavoidable, remember to use the brakes.
6. Frequently check the tires for scars, cracks, or excessive wear. Ensure the inner tube and air nozzle are perpendicular to the rim; any misalignment should be corrected. If tires are damaged or excessively worn, replace them promptly with the assistance of a professional technician. In case of accidental punctures and leaks, contact a professional technician for repair or replacement.



# Riding Precautions

1. The cruising mileage of the power folding vehicle is influenced by factors such as battery charging condition, tire inflation, the power gear you choose, and your riding habits. Other factors affecting mileage include the weight of passengers, terrain, and continuous starting or stopping.
2. Before each ride, check if the battery is fully charged, ensure normal tire pressure, and inspect the brake distance. Note that the left handbrake handle corresponds to the rear brake, while the right handbrake handle corresponds to the front brake.
3. Wear a safety helmet with proper size.
4. When parking, please switch the power gear to 0 or hold the brake tightly.
5. Abide by traffic laws and regulations. Ride on the right edge of the road and do not go against the flow of traffic.
6. Your power bicycle has been equipped with the required reflector according to the national standard. The reflector is clean and bright; do not remove it without permission.

7. Seek professional technicians for the maintenance of your power folding car, including adjustments to the brake, transmission, and other components.
8. Please do not upgrade or add spare parts without confirming with customer service. Modifications that have not passed safety and reliability tests from the original factory pose a safety risk.
9. Gradually shift to higher gears.
10. When climbing a steep slope, do not exceed the "2" gear.