

R RATTAN Pathfinder Electric Bike

Rattan Pathfinder Electric Bike User Manual

Model: Pathfinder Electric Bike

1. INTRODUCTION AND SAFETY GUIDELINES

This manual provides essential information for the safe operation, assembly, and maintenance of your Rattan Pathfinder Electric Bike. Please read it thoroughly before your first ride and keep it for future reference.

Important Safety Information:

- Always wear a helmet when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery.
- Do not operate the bike under the influence of alcohol or drugs.
- Ensure all components are securely fastened before riding.

2. PRODUCT OVERVIEW

The Rattan Pathfinder Electric Bike is designed for versatile use across various terrains, offering a blend of power, endurance, and safety features.



Figure 2.1: Rattan Pathfinder Electric Bike, showcasing its robust frame and fat tires.

Key Features:

- **Powerful Motor:** Peak 1500W (750W sustained) motor with 80N.M torque, capable of speeds up to 28 MPH and climbing 30-degree slopes.
- **Long-Range Battery:** 48V 15AH removable battery offering up to 65 miles of range.
- **All-Terrain Tires:** 26x4 inch fat tires with removable full fenders for various conditions.
- **Suspension and Brakes:** Full hydraulic suspension and hydraulic disc brakes for a smooth and controlled ride.
- **Integrated Display:** LCD display with USB charging port.
- **Cargo Capacity:** Sturdy rear rack with a maximum load capacity of 400 lbs.

3. SETUP AND ASSEMBLY

Your Rattan Pathfinder Electric Bike comes partially assembled. Follow these steps to complete the assembly and prepare for your first ride.

3.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. Keep the packaging for at least 30 days for potential returns.

3.2 Handlebar Installation

Attach the handlebar to the stem. Ensure the handlebar is centered and the bolts are tightened securely using an Allen wrench.

3.3 Front Fender and Headlight Installation

Mount the front fender to the fork using the provided bolts. Attach the headlight to the designated bracket on the fender and connect its wiring harness.

3.4 Front Wheel Installation

Insert the front wheel into the fork dropouts, ensuring the brake rotor aligns correctly with the caliper. Secure the wheel using the quick-release skewer or axle nuts.



Figure 3.1: The bike's fat tires and suspension are designed for diverse terrains, including off-road paths.

3.5 Pedal Installation

Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Thread them into the crank arms and tighten securely with a wrench.

3.6 Battery Connection and Activation

Ensure the removable battery is fully seated and locked into the frame. Connect any external battery cables if applicable. Use the key to activate the battery.

3.7 Rear Passenger Seat and Footrests (if applicable)

If your model includes a rear passenger seat and footrests, attach them to the rear rack using the provided hardware. Ensure they are firmly secured for passenger safety.

4. OPERATING YOUR ELECTRIC BIKE

Understand the controls and functions of your Rattan Pathfinder Electric Bike for an optimal riding experience.

4.1 Power On/Off and Display Functions

To power on the bike, press and hold the power button on the handlebar control panel. The LCD display will illuminate, showing speed, battery level, and pedal-assist level. Use the '+' and '-' buttons to adjust the pedal-assist level. Press the light button to activate the headlight and taillight. To power off, press and hold the power button again.

OFFERING EXTRA SAFETY

USB Charging
LCD Display

7-Speed
Shiman Shifter

12Month
Coverage



Figure 4.1: The bike features a bright headlight and rear light for enhanced visibility and safety.

4.2 Pedal-Assist System (PAS) and Throttle

- **Pedal-Assist:** The motor provides assistance as you pedal. Adjust the level of assistance using the '+' and '-' buttons on the control panel.
- **Throttle:** For immediate power without pedaling, use the thumb throttle. Apply gently to control speed.

4.3 Shifting Gears

Your bike is equipped with a 7-speed Shimano shifter. Use the shifter on the handlebar to change gears according to terrain and desired speed. Shift to lower gears for climbing hills and higher gears for flat terrain.

4.4 Braking

The Rattan Pathfinder features hydraulic disc brakes. Apply both brake levers evenly for controlled stopping. Avoid sudden, hard braking, especially at high speeds or on loose surfaces.

4.5 Lights and Horn

Activate the front headlight and rear taillight using the dedicated button on the control panel. The horn button is located on the left handlebar for signaling.

5. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and safe operation of your electric bike.

5.1 Battery Care

- Charge the battery regularly, even when not in use, to maintain its health.
- Avoid fully discharging the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the charger provided by Rattan.

5.2 Tire Pressure

Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) as indicated on the tire sidewall for optimal performance and safety.

5.3 Brake Inspection

Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace components as needed.

5.4 Cleaning

Clean your bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings. Dry thoroughly after cleaning.

5.5 General Inspection

Periodically check all bolts, nuts, and quick releases for tightness. Lubricate the chain regularly to ensure smooth operation.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Rattan Pathfinder Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not activated; loose connections	Charge battery; ensure battery is locked and key is turned to ON position; check all electrical connections.
Motor not assisting	Pedal-assist level set to zero; throttle not engaged; sensor issue	Increase PAS level; ensure throttle is fully engaged; check for error codes on display.

Problem	Possible Cause	Solution
Brakes feel spongy	Air in hydraulic lines; worn brake pads	Bleed brake system (professional service recommended); replace brake pads.
Tires losing air quickly	Puncture; loose valve stem	Inspect for punctures and repair/replace tube; tighten valve stem.

If you encounter issues not listed here or require further assistance, please contact Rattan customer service.

7. SPECIFICATIONS

Detailed technical specifications for the Rattan Pathfinder Electric Bike.



Figure 7.1: Key dimensions and weight of the Rattan Pathfinder Electric Bike.

Feature	Detail
Model Name	Rattan Pathfinder Electric Bike
Bike Type	Commuting Bike, Electric Bike
Age Range (Description)	Adult
Brand	R RATTAN
Number of Speeds	7
Color	White
Wheel Size	26 Inches
Frame Material	Aluminum
Suspension Type	Dual
Special Feature	Adjustable Seat
Included Components	Cargo Rack
Size	Large
Brake Style	Disc
Wheel Width	4 Inches
Specific Uses For Product	Beach, Gravel, Road, Snow, Trail
Item Weight	77.2 Pounds
Style	Back Basket
Wattage	250 watts
Voltage	48 Volts
UPC	770773161528
Manufacturer	Guangzhou Ruiteng Electric Vehicle Industry Co., Ltd
Frame Size	large
Part Number	MTB
ASIN	B09TH6V61N
Date First Available	September 11, 2024

8. WARRANTY AND SUPPORT


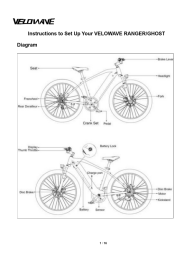


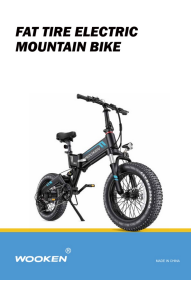
8.1 Product Warranty

The Rattan Pathfinder Electric Bike includes a one-year warranty. Please refer to your purchase documentation for specific terms and conditions.

8.2 Customer Service

For any questions or assistance, please contact Rattan customer service via email or phone. Rattan also maintains a repair shop in the US for convenient service.

Related Documents - Pathfinder Electric Bike

	<p>Fat Tire Electric Mountain Bike - User Manual and Specifications</p> <p>Comprehensive guide for the Fat Tire Electric Mountain Bike, covering safety notices, package contents, product overview, installation, battery charging, riding modes, specifications, maintenance, and warranty information.</p>
	<p>VELOWAVE RANGER/GHOST E-Bike Setup and Assembly Guide</p> <p>Comprehensive guide for setting up and assembling your VELOWAVE RANGER/GHOST electric bike, including installation, battery handling, display usage, charging, error codes, and troubleshooting.</p>
	<p>E-BYCCO E-BIKE USER MANUAL: Safety, Operation, and Maintenance Guide</p> <p>Your essential guide to the E-BYCCO electric bicycle. Learn about safe operation, pre-ride checks, component adjustments, troubleshooting, and maintenance for your E-BYCCO e-bike.</p>
	<p>VAKOLE CO26 Electric Mountain Bike User Manual</p> <p>Comprehensive user manual for the VAKOLE CO26 Electric Mountain Bike, covering product overview, operation, display functions, installation, battery removal, and error code definitions.</p>
	<p>Wookan Fat Tire Electric Mountain Bike User Manual</p> <p>Comprehensive user manual for the Wookan Fat Tire Electric Mountain Bike, covering safety, package contents, product overview, installation, battery charging, riding modes, LCD display, specifications, maintenance, and warranty.</p>



[HITWAY BK11M Electric Bike Operation Manual](#)

Comprehensive operation manual for the HITWAY BK11M electric bike, covering charging, riding safety, product parameters, and control instrument instructions.