

RCB RK15

RCB RK15 Electric Bicycle User Manual

Model: RK15 | Brand: RCB

1. INTRODUCTION

Thank you for choosing the RCB RK15 Electric Bicycle. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride to ensure optimal performance and safety.

The RCB RK15 is designed for comfortable commuting and exploration, featuring a powerful 250W motor, a long-range removable battery, 26-inch wear-resistant tires, and a shock-absorbing front suspension for a smooth ride on various terrains.



Image 1.1: The RCB RK15 Electric Bicycle, highlighting its overall design and features.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to local traffic laws and regulations.

- **Pre-Ride Check:** Before each ride, inspect tires for proper inflation and wear, check brake functionality, ensure all bolts and quick releases are tightened, and verify battery charge level.
- **Braking:** The RK15 is equipped with mechanical disc brakes on both front and rear wheels for reliable stopping power. Practice braking in a safe area to understand their response.
- **Visibility:** The e-bike includes LED headlights for night riding. Consider additional reflective gear, especially when riding in low-light conditions.
- **Speed:** The maximum assisted speed is 25 km/h. Always ride at a speed appropriate for conditions and your skill level.

- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions, as braking distance may increase.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your RCB RK15 Electric Bicycle:

- **Frame:** Durable aluminum frame.
- **Motor:** Powerful 250W brushless geared motor, providing assistance up to 25 km/h.

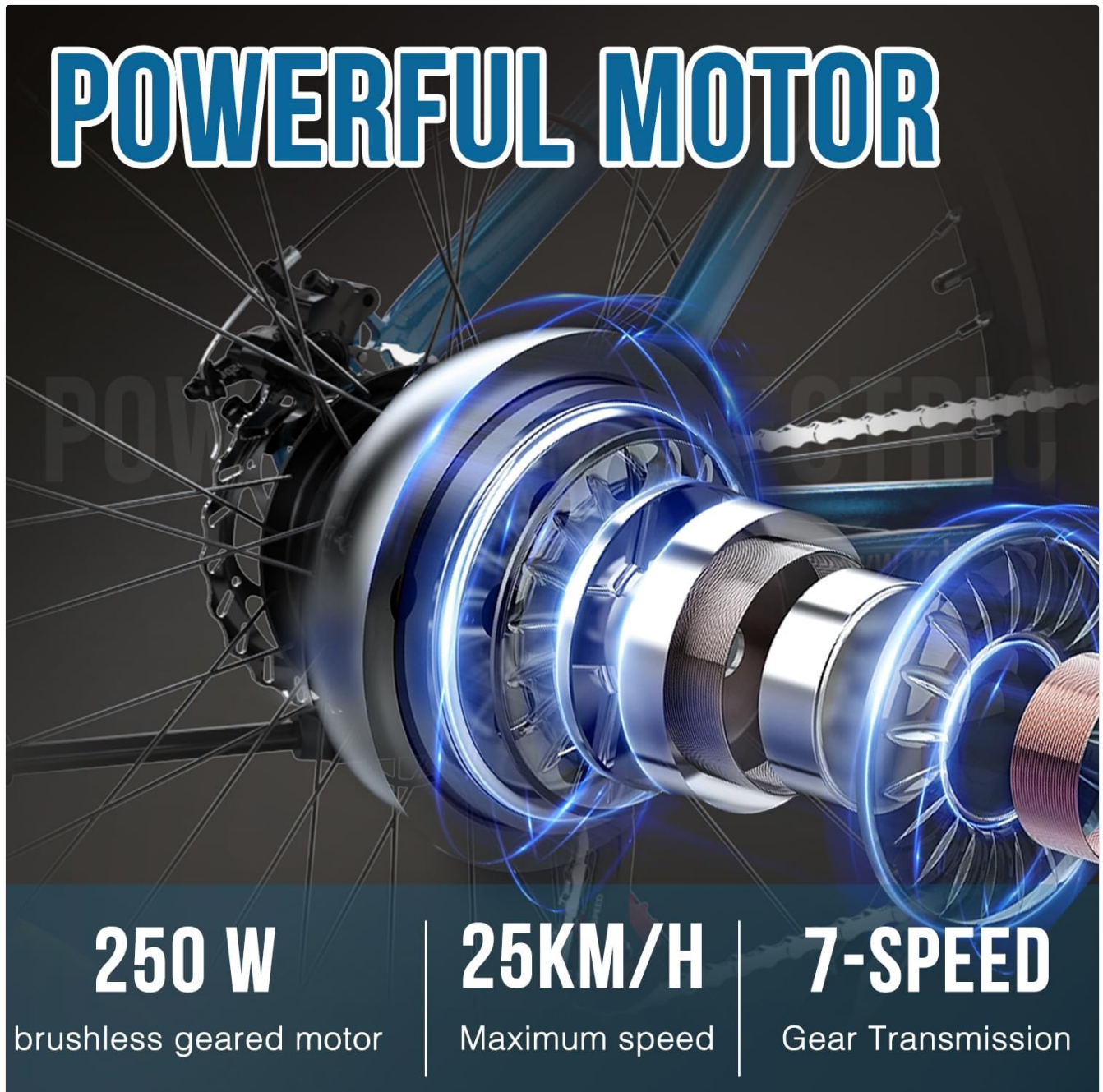


Image 3.1: Detailed view of the 250W powerful motor.

- **Battery:** Detachable 36V 12Ah Li-ion battery with BMS for power saving and ultra-long life.

LARGE BATTERY

DETACHABLE

Li-ion Battery

BMS

power saving

36V 12AH

Ultra Long Life

Image 3.2: The large, detachable battery pack.

- **Display:** LCD Smart Display showing ODO (total mileage), TIME (single boot time), VOL (battery voltage), and TRIP (single mileage).

LCD SMART DISPLAY



ODO: Total mileage

TIME: single boot time

VOL: battery voltage

TRIP: single mileage(unit: mile, km)

Image 3.3: The LCD Smart Display on the handlebars.

- **Tires:** 26-inch wear-resistant and puncture-resistant tires with excellent anti-slip function, suitable for all-terrain.

26" WEAR-RESISTANT TYRE

SUPERIOR WEAR-RESISTANT PROPERTY

EXCELLENT ANTI-SLIP FUNCTION

ALL-TERRAIN

TOP COMFORT LEVEL



Image 3.4: The 26-inch wear-resistant tires in action.

- **Suspension:** High shock absorption front suspension fork for comfortable riding on different road surfaces.



Image 3.5: The front suspension system.

- **Gears:** 7-speed gear transmission system.
- **Brakes:** Mechanical disc brakes (front and rear).

4. SETUP AND ASSEMBLY

The RCB RK15 Electric Bicycle comes 85% pre-assembled. The remaining assembly typically involves attaching the front wheel, handlebars, pedals, and seat. A detailed assembly video is available on the product page where you purchased the bicycle, which can guide you through the process step-by-step.

Key Assembly Steps:

1. Carefully unpack all components and check against the packing list.
2. Attach the front wheel, ensuring it is properly seated and secured.
3. Install the handlebars, making sure they are aligned and tightened.

4. Attach the pedals (note: left and right pedals are distinct).
5. Insert and adjust the seat post to a comfortable riding height.
6. Perform a thorough safety check as outlined in Section 2 before your first ride.

5. OPERATING INSTRUCTIONS

Understanding how to operate your e-bike's features will enhance your riding experience.

5.1 Battery Charging and Management

- The battery is removable for convenient charging. To remove, unlock it with the provided key and slide it out.
- Connect the charger to the battery and then to a power outlet. The charging indicator on the charger will show the charging status.
- A full charge can provide a range of 35 to 90 km, depending on terrain, rider weight, and assistance level.
- Always ensure the battery is securely locked in place before riding.

5.2 Riding Modes

The RK15 offers three riding modes to adapt to different travel needs:

- **Cruise Mode:** Provides continuous motor assistance without pedaling.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, with varying levels of support.
- **Fixed Speed Cruise Mode:** Maintains a set speed without continuous input.

5.3 LCD Smart Display Usage

The LCD display provides real-time information:

- **ODO:** Total mileage accumulated.
- **TIME:** Duration of the current ride.
- **VOL:** Current battery voltage.
- **TRIP:** Mileage for the current trip (can be reset).

Refer to the display's specific instructions for navigating menus and adjusting settings.

5.4 Gear Shifting

The 7-speed gear system allows you to adjust pedaling effort for different inclines and speeds. Shift gears smoothly by pedaling lightly while operating the shifter. Avoid shifting under heavy load.

6. MAINTENANCE

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

- **Cleaning:** Clean your e-bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Maintain recommended tire pressure. Check for punctures or excessive wear regularly.
- **Brakes:** Inspect brake pads for wear and replace as needed. Ensure brake levers have proper tension and

responsiveness.

- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to about 50-70% every few months.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Motor not assisting	Low battery; loose connection; sensor issue	Charge battery; check all cable connections; consult support if issue persists
Brakes feel spongy	Cable stretch; worn pads	Adjust cable tension; replace brake pads
Gears not shifting smoothly	Dirty chain; misaligned derailleur; stretched cable	Clean and lubricate chain; adjust derailleur; replace cable if necessary
Display not turning on	Battery not connected; power button not pressed; display fault	Ensure battery is seated; press and hold power button; contact support

For issues not listed here or if solutions do not resolve the problem, please contact customer support.

8. SPECIFICATIONS

Detailed specifications for the RCB RK15 Electric Bicycle:

Feature	Specification
Model	RK15
Brand	RCB
Bike Type	Electric Bicycle
Age Range	Adult
Color	Blue
Frame Material	Aluminum
Wheel Size	26 Inches
Motor Power	250 Watts
Number of Speeds	7

Feature	Specification
Brakes	Disc (Mechanical)
Suspension Type	Front Fork Suspension (Double Suspension)
Battery	1 x 12V (included) - 36V 12Ah Li-ion
Max Speed	25 km/h
Range	35-90 km (depending on conditions)
Product Dimensions (L x W x H)	183 x 63 x 107 cm
Product Weight	23.3 kg
Included Components	Gas cartridge, Charger, Lock

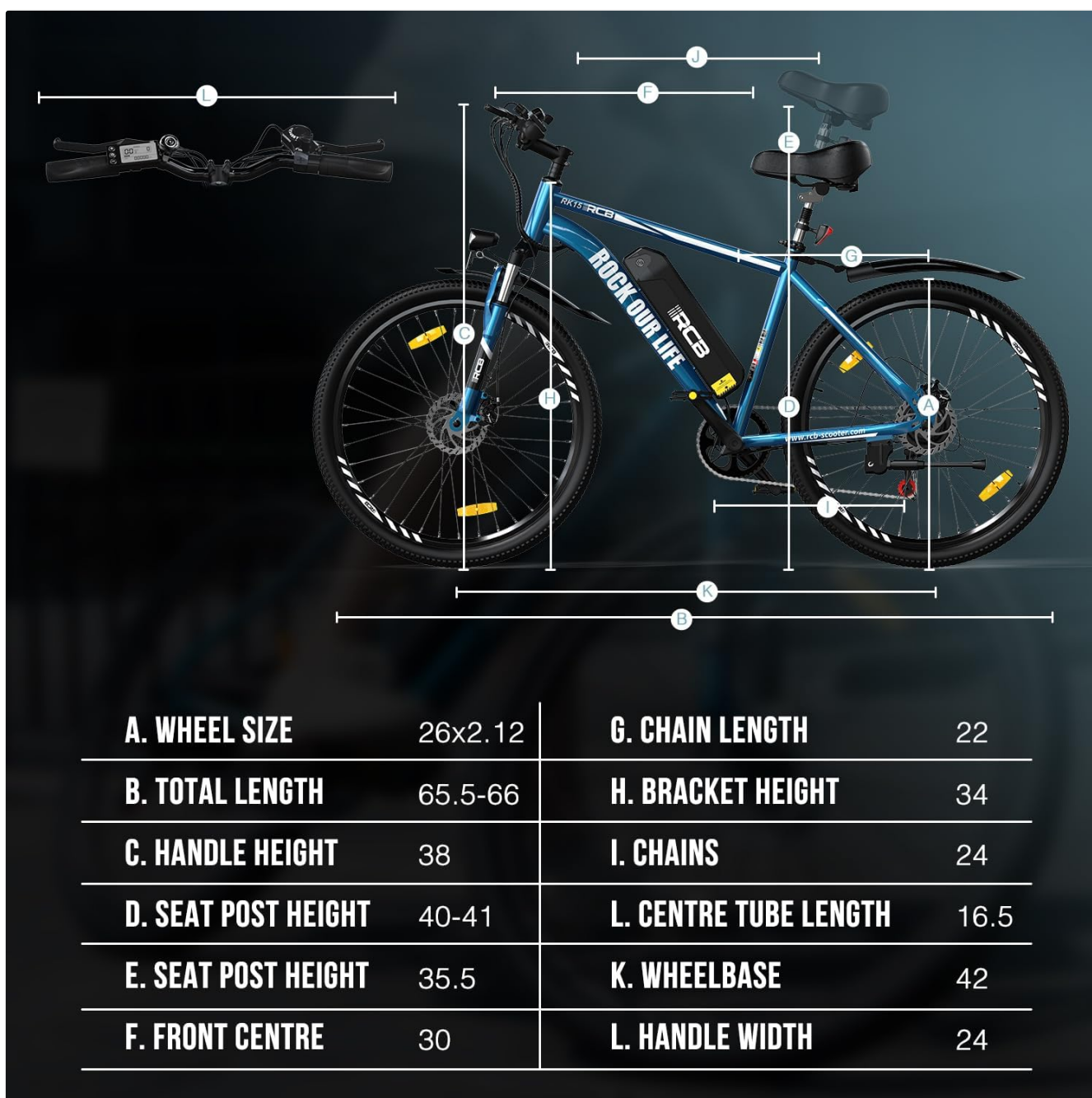


Image 8.1: Dimensional diagram of the RCB RK15 Electric Bicycle.






9. WARRANTY AND SUPPORT

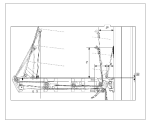
For any questions regarding your RCB RK15 Electric Bicycle, including assembly, operation, or troubleshooting, please do not hesitate to contact our customer support. Refer to your purchase documentation for specific warranty terms and contact information.

We are committed to providing you with a satisfying experience with your RCB e-bike.

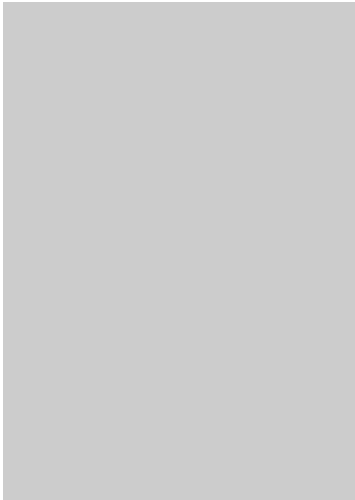
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Related Documents - RK15

	<p>RCB-TS2A-TH Thermostatic On/Off Remote Control for Millivolt Valve Installation and Operating Instructions</p> <p>Comprehensive installation and operating instructions for the RCB-TS2A-TH Thermostatic On/Off Remote Control System, designed for millivolt and electronic ignition gas appliances. Includes setup, manual and thermostatic modes, safety information, troubleshooting, and FCC compliance.</p>
	<p>RCB Hovercart Pro User Manual & Assembly Guide</p> <p>This document provides essential safety guidelines, operating instructions, and step-by-step assembly procedures for the RCB Hovercart Pro, an accessory designed to convert a hoverboard into a go-kart.</p>
	<p>RCB R16 Electric Scooter User Manual and Safety Guide</p> <p>Explore the RCB R16 Electric Scooter with this comprehensive user manual. It covers essential information on product features, safe operation, assembly, charging, maintenance, warranty, and disposal guidelines to ensure a positive user experience.</p>
	<p>Lenz lithium pack insole rcB 1200 User Manual</p> <p>Comprehensive user manual for the Lenz lithium pack insole rcB 1200, detailing operation, safety, and maintenance. Learn how to use and care for your heated insoles.</p>
	<p>RCB D7 Electric Scooter: User Manual, Specifications, and Safety Guide</p> <p>Official operating manual for the RCB D7 electric scooter (500W). Includes assembly instructions, detailed specifications, safety guidelines, troubleshooting tips, charging information, maintenance advice, and warranty details.</p>

	<p>Seldén Sailmaker's Guide: Dimensions and Hints for Rig and Sail Compatibility</p> <p>Comprehensive guide from Seldén for sailmakers, detailing mast and boom dimensions, sail slides, reefing systems, and in-mast furling for optimal rig and sail compatibility. Covers Seldén production from 1977.</p>
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Documents - RCB – RK15



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Produkt-Modell: **RK15** Originalbetriebsanleitung Pedelec-mit elektrischem Antrieb / Nennleistung 250W EU V1.2.6 Deutsch.....1

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