RCB R13

RCB R13 Electric Scooter User Manual

Model: R13

1. Introduction

Thank you for choosing the RCB R13 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

2. Safety Information

Your safety is paramount. Always adhere to local laws and regulations regarding electric scooter usage. Failure to follow these instructions may result in serious injury or damage to the scooter.

General Safety Guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads).
- Do not ride under the influence of alcohol or drugs.
- Ensure the scooter is in good working condition before each ride. Check brakes, tires, and battery level.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding in heavy rain, on slippery surfaces, or in low visibility conditions.
- Do not exceed the maximum weight limit of 100 kg (220 lbs).
- Keep both hands on the handlebars while riding.
- Familiarize yourself with the controls before riding in traffic.

3. What's in the Box

Upon unpacking, please verify that all items are present:

- RCB R13 Electric Scooter
- Charger
- User Manual (this document)

4. Product Overview

The RCB R13 is an ultra-portable electric scooter designed for urban commuting and leisure. It features a durable aluminum frame, 8-inch honeycomb tires, and an intelligent battery management system.



Image: Main view of the RCB R13 Electric Scooter.

Key Components:

- **Handlebars:** Adjustable for rider comfort.
- **Display:** LCD screen for speed, battery, and mode information.
- **Brake Lever:** Controls the mixed braking system.
- **Throttle:** Accelerates the scooter.
- **Folding Mechanism:** Innovative design for portability.

- **Deck:** Foot platform.
- **Wheels:** 8-inch solid honeycomb tires.
- **Motor:** 350W pure copper brushless motor.
- **LED Headlight & Brake Tail Light:** For visibility and safety.
- **Shock Absorbers:** Enhanced for a comfortable ride.

5. Setup

5.1 Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Locate the folding latch near the base of the handlebar stem.
3. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure it is securely locked before use.



Image: The scooter's folding mechanism, showing how it transitions from folded to upright.

5.2 Initial Charging

Before first use, fully charge the scooter's battery. The charging time is approximately 5 hours.

1. Ensure the scooter is powered off.
2. Open the charging port cover.
3. Connect the charger to the charging port on the scooter, then plug the charger into a power outlet.
4. The indicator light on the charger will change (e.g., from red to green) when charging is complete.
5. Disconnect the charger and securely close the charging port cover.



Image: A view of the scooter's internal battery cells, indicating its 6.6Ah capacity and 20 km max range.

5.3 App Connectivity

The RCB R13 scooter is compatible with a dedicated mobile application for Android and iOS devices.

1. Download the official RCB scooter app from your device's app store.
2. Ensure your scooter is powered on and Bluetooth is enabled on your smartphone.
3. Open the app and follow the on-screen instructions to pair your scooter.



Image: The scooter's mobile application interface, displaying navigation, cruise control, riding data, and speed adjustment options.

6. Operating Instructions

6.1 Power On/Off

- **To Power On:** Press and hold the power button on the display for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the power button again until the screen turns off.

6.2 Riding Modes and Speed Adjustment

The scooter features three speed modes. You can switch between modes using the power button (short press) or via the mobile app.

- **Mode 1 (Eco):** Lower speed for beginners or energy saving.
- **Mode 2 (Standard):** Balanced speed for general riding.
- **Mode 3 (Sport):** Maximum speed for experienced riders.

6.3 Cruise Control

To activate cruise control, maintain a consistent speed for approximately 6 seconds. The scooter will then hold this speed automatically. To deactivate, simply press the brake lever or apply the throttle.

6.4 Braking

The RCB R13 is equipped with a mixed braking system. Apply the brake lever on the handlebar to slow down or stop. The electronic brake and brake tail light enhance safety.



Image: Details of the scooter's LED headlight and rear brake light, highlighting safety features.

6.5 App Functions

The mobile app provides additional functionalities:

- **Navigation:** Integrated mapping for route planning.
- **Personal Information:** Configure user profiles.
- **Riding Data:** View mileage, current speed, and battery usage.

- **Fault Indication:** Receive diagnostic information.

7. Maintenance

Regular maintenance ensures the longevity and safe operation of your RCB R13 scooter.

7.1 Battery Care

The scooter features an intelligent Battery Management System (BMS) for protection against temperature, short circuits, overcurrent, overcharge, and over-discharge.

- Charge the battery regularly, even if the scooter is not in use for extended periods (at least once every 3 months).
- Avoid completely draining the battery before recharging.
- Do not expose the battery to extreme temperatures.
- Use only the original charger provided.

7.2 Tire Care

The 8-inch honeycomb tires are designed for durability and comfort.

- Regularly inspect tires for wear and tear.
- Ensure no foreign objects are embedded in the tires.



Image: The front wheel of the scooter, highlighting the 8-inch honeycomb tire and the shock absorber for a comfortable ride.

7.3 General Cleaning

- Wipe the scooter with a damp cloth after use.
- Do not use high-pressure water jets or corrosive cleaning agents.
- Ensure the charging port is dry and clean.

8. Troubleshooting

If you encounter issues with your RCB R13 scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connection; Faulty power button	Charge the battery; Check all connections; Contact customer support if issue persists.

Problem	Possible Cause	Solution
Reduced range or power	Low battery; Overload; Tire wear	Fully charge battery; Ensure rider weight is within limits; Inspect tires.
App not connecting	Bluetooth off; Scooter off; App error	Ensure Bluetooth is on and scooter is powered; Restart app and scooter; Re-pair device.
Brakes not responsive	Brake cable issue; Worn brake pads	Inspect brake lever and cable; Contact customer support for brake adjustment or replacement.

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

9. Specifications

Detailed technical specifications for the RCB R13 Electric Scooter:



Image: A visual representation of the scooter's dimensions and performance metrics.

Feature	Specification
Brand	RCB
Model Name	R13
Color	Black
Age Range (Description)	Adult
Special Feature	Foldable
Weight Limit	100 Kilograms (220 lbs)
Product Dimensions (L x W x H)	94L x 38W x 43H centimeters (folded)
Number of Wheels	2
Wheel Material	Rubber (Honeycomb)
Frame Material	Aluminum
Handlebar Type	Adjustable
Wheel Type	Solid
Suspension Type	Dual Suspension
Handle Type	Ergonomic
Brake Type	Mixed Brakes
Charging Time	5 hours
Maximum Distance (Range)	20 Kilometers
Item Weight	12.11 Kilograms (26.7 lbs)
Wheel Size	8 Inches
Recommended Uses	Daily short commutes, leisure activities
Max Power	350W
Battery Capacity	6.6 Ah

10. Warranty and Support

The RCB R13 Electric Scooter comes with a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including coverage duration and claim procedures.

Customer Support:

For technical assistance, warranty claims, or any other inquiries, please contact RCB customer support through the retailer where you purchased the product or visit the official RCB website for contact information.

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Example: How do I reset this device or fix this error?

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