RCB R15

RCB R15 Electric Scooter User Manual

Model: R15

1. Important Safety Information

Before operating the RCB R15 Electric Scooter, please read this manual thoroughly and retain it for future reference. Failure to follow the instructions and safety warnings may result in serious injury or damage to the product.

- **Protective Equipment:** Always wear appropriate protective equipment, including a helmet, knee pads, and elbow pads, when riding the scooter.
- **Traffic Use:** This scooter is not intended for use in traffic. Ride only in safe, designated areas away from vehicles and pedestrians.
- **Age Restriction:** This product is suitable for children aged 8-16 years. It is not suitable for children under 6 years due to its maximum speed. Adult supervision is recommended for younger riders.
- **Weight Limit:** The maximum weight capacity for this scooter is 80 kg (176 lbs). Do not exceed this limit.
- **Local Regulations:** Always comply with local laws and regulations regarding electric scooter use.
- **Battery Performance:** Actual battery performance may vary based on user weight, environmental conditions (e.g., humidity, wind resistance), and riding behavior. Low temperatures can reduce battery performance by 15-25%.

2. Package Contents

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, please contact customer support.

- 1 x RCB R15 Electric Scooter
- 1 x Charger
- 1 x User Manual (this document)
- 2 x 4mm Wrenches

3. Product Overview

The RCB R15 is a high-performance electric scooter designed for children and teenagers, offering a blend of safety, convenience, and fun.

Key Features:

- **Powerful Motor:** Equipped with a 250W motor for a maximum speed of 20 km/h (12.4 MPH).
- **Extended Range:** Offers a maximum range of 12-16 km on a single charge.
- **Adjustable Height:** The handlebar height can be adjusted from 84 cm to 104 cm, accommodating riders between 115 cm and 165 cm tall.
- **Foldable Design:** Features a quick and easy one-step folding mechanism for convenient storage and transport. Folded dimensions: 81.5 x 43 x 25.5 cm.
- **Electronic Braking System:** Ensures safe and reliable stopping power.
- **Lightweight Construction:** Weighs only 7.55 kg (16.6 lbs), making it easy to carry.
- **Durable Wheels:** Features 5.5-inch polyurethane wheels.

Components:

Familiarize yourself with the main components of your RCB R15 Electric Scooter.



Overview of the RCB R15 Electric Scooter, showing its main features and suitable age range.



Illustration of the adjustable handlebar height settings (84cm, 94cm, 104cm) for riders of varying heights.



Detailed battery information, including voltage, capacity, charging time, and maximum range.



Close-up of the electronic brake lever, highlighting the secure braking system.



Battery level indicator lights and their corresponding charge levels.

4. Setup

4.1 Assembly

The RCB R15 Electric Scooter comes mostly pre-assembled. The primary step is to attach the handlebar.

1. Carefully remove the scooter from its packaging.
2. Unfold the main stem until it locks into place.
3. Insert the handlebar into the stem. Ensure it is fully seated and aligned.
4. Use the provided 4mm wrenches to tighten any screws securing the handlebar. Ensure all connections are firm

and secure before use.

4.2 Initial Charging

Before first use, fully charge the scooter's battery.

1. Locate the charging port on the scooter.
2. Connect the charger to the charging port, then plug the charger into a power outlet.
3. The charging indicator on the charger will typically show red during charging and turn green when fully charged.
4. A full charge takes approximately 4-5 hours. Do not overcharge the battery.
5. Unplug the charger once charging is complete.

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5. Operating Instructions

5.1 Power On/Off

- **To Power On:** Press and hold the power button for 3 seconds. The battery indicator lights will illuminate.
- **To Power Off:** Press and hold the power button for 3 seconds. The lights will turn off.

5.2 Riding the Scooter

The RCB R15 features an assisted start function for safety.



Visual guide for starting and riding the scooter.

1. **Step 1:** Power on the scooter by pressing the power button for 3 seconds.
2. **Step 2:** Place one foot on the scooter deck and push off with the other foot to gain initial momentum.
3. **Step 3:** Once the scooter reaches a speed of approximately 5 km/h (3.1 MPH), press the electric accelerator lever to engage the motor and accelerate.
4. **Step 4:** To slow down or stop, release the accelerator and press the brake lever.

5.3 Braking

The scooter is equipped with an electronic braking system for effective stopping.

- To brake, press the brake lever located on the handlebar.
- In an emergency, you can also press the rear fender with your foot to brake, but frequent use of this method may cause tire wear.

5.4 Folding the Scooter

The R15 features a convenient one-step folding mechanism.



Step-by-step guide for folding the scooter.

1. **Step 1:** Turn off the scooter and lower the folding pedal.
2. **Step 2:** Press and hold the spring button, then pull the handlebar downwards until it is fully folded.
3. **Step 3:** Secure the folding block into the fender brake to lock the scooter in its folded position.

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6. Maintenance

6.1 Cleaning

- Wipe the scooter with a damp cloth after use. Avoid using harsh chemicals or abrasive materials.
- Do not wash the scooter directly with water, as this can damage electronic components.

6.2 Battery Care

- Charge the battery regularly, even if the scooter is not used frequently, to maintain battery health.
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.

6.3 General Inspection

- Periodically check all screws and fasteners to ensure they are tight. Tighten any loose components.
- Inspect the tires for wear and tear.
- Ensure the brake system is functioning correctly before each ride.

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7. Troubleshooting

This section addresses common issues you might encounter with your RCB R15 Electric Scooter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button for 3 seconds
Scooter does not accelerate	Assisted start not engaged; Accelerator not pressed; Motor issue	Push off to reach 5 km/h before pressing accelerator; Ensure accelerator is fully pressed; Contact support if issue persists
Reduced range/speed	Low battery; Heavy load; Uphill riding; Cold weather	Fully charge battery; Ensure rider weight is within limits; Avoid steep inclines; Battery performance is naturally reduced in cold weather
Brake not working effectively	Brake lever adjustment needed; Worn brake components	Check brake lever and cable; Contact support for inspection/replacement

8. Specifications

Feature	Detail
Model Name	R15
Motor Power	250W
Maximum Speed	20 Km/h (12.4 MPH)
Maximum Range	12-16 Km
Battery	25.2V / 5.2Ah
Charging Time	4-5 hours
Maximum Load	80 Kg (176 LBS)
Adjustable Handlebar Height	84 cm - 104 cm
Recommended Rider Height	115 cm - 165 cm
Recommended Age	8-16 years
Wheel Size	5.5 inches
Brake Type	Electronic Brake
Frame Material	Aluminum
Product Dimensions (Unfolded)	87 x 43 x 101.5 cm
Product Dimensions (Folded)	81.5 x 43 x 25.5 cm
Net Weight	7.55 Kg (16.6 LBS)

9. Warranty and Support

RCB products are manufactured to high-quality standards. For warranty information, please refer to the specific warranty card included with your purchase or visit the official RCB website. Keep your proof of purchase for any warranty claims.

If you encounter any issues or have questions regarding your RCB R15 Electric Scooter, please contact RCB customer support. Contact details can typically be found on the product packaging, the official RCB website, or through your retailer.

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