RCB D5

RCB D5 Electric Scooter User Manual

Model: D5-20.8AH-black

Introduction

Thank you for choosing the RCB D5 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read it thoroughly before first use to ensure optimal performance and safety.

Safety Information

Operating an electric scooter carries inherent risks. Always wear a helmet and appropriate safety gear. Adhere to local laws and regulations regarding electric scooter use. Do not ride in adverse weather conditions or on slippery surfaces. Ensure the scooter is in good working order before each ride.

- Always wear a certified helmet and protective gear (knee pads, elbow pads).
- Familiarize yourself with local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy rain, snow, or on icy surfaces.
- Perform a pre-ride check before each use.
- Maintain a safe distance from other vehicles and pedestrians.
- Maximum weight capacity: 150 kg.

What's in the Box

Upon opening the package, please verify that all components are present and undamaged:

- 1 x D5 Electric Scooter
- 1 x Charger
- 1 x User Manual



Image: The RCB D5 Electric Scooter, showcasing its overall design and display.



Image: Side view of the product packaging, detailing product name, model number, weight, dimensions, and manufacturer information.

Product Overview

The RCB D5 Electric Scooter features a robust design with advanced components for a safe and comfortable ride.



Image: Overview of the RCB D5 Electric Scooter highlighting its 20.8Ah battery, 500W motor, 90-100KM range, and 25KM/H max speed.

Key Features:

- **Superior Performance:** 500W motor, 48V / 20.8Ah battery, max speed 25KM/H (15.5mph), typical range 90-100KM.
- **Safe Riding:** Intelligent braking system (front and rear disc brakes + electronic brakes), powerful lighting system (front headlight + rear lights + turn signal light).
- **Dual Suspension:** Equipped with dual suspension system, 10-inch wheels, and wider pedals for comfort and safety.
- **APP Function & Wider Display:** APP-enabled for speed mode, battery life, riding data, lights control. Clear LED display shows scooter data.
- **Foldable Design:** Three different heights, measures 118x22.8x54 cm when folded, net weight 29.6 kg (65.3 lbs) for easy transport and storage.

Setup

Follow these steps to set up your RCB D5 Electric Scooter:

1. **Unpacking:** Carefully remove the scooter and all accessories from the packaging.
2. **Handlebar Assembly:** Lift the handlebar stem until it locks into place. Secure any locking mechanisms as per the included quick start guide.
3. **Charging:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and then to a power outlet. The indicator light on the charger will change when fully charged.
4. **Tire Pressure Check:** Ensure the 10-inch flatproof tires are adequately inflated. Refer to the tire sidewall for recommended pressure.



Image: The RCB D5 Electric Scooter in its folded configuration, demonstrating its portability.

Operating Instructions

Power On/Off

Press and hold the power button on the display to turn the scooter on or off.

Speed Modes

The scooter features multiple speed modes. Use the mode button on the display to cycle through them. The current speed mode will be indicated on the LED display.

Braking System

The RCB D5 is equipped with intelligent front and rear disc brakes, complemented by an electronic braking system. Apply both brake levers gently to slow down, and firmly for emergency stops. Always practice braking in a safe, open area before riding in traffic.



Image: Close-up view of the RCB D5 Electric Scooter's double braking system, highlighting the front and rear disc brakes.

Lighting System

Activate the front headlight and rear lights for visibility, especially during low-light conditions. The scooter also features

turn signal lights for indicating direction changes.



Image: The RCB D5 Electric Scooter's safe light system, showing the turning signal and front & rear lights.

APP Control

Download the dedicated RCB D5 APP to unlock additional features and monitor your ride. The APP allows you to view speed mode, battery life, riding data, and control lights. Refer to the quick start guide for APP pairing instructions.

Folding Mechanism

To fold the scooter for storage or transport, locate the folding latch mechanism on the stem. Follow the instructions in the quick start guide to safely fold and unfold the scooter. Ensure it is securely locked in both the riding and folded positions.



Image: Dimensions of the RCB D5 Electric Scooter in both unfolded and folded states, along with its net weight.

Maintenance

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

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery.
- **Tire Maintenance:** Periodically check tire pressure and inspect for wear or damage. Although flatproof, proper inflation is crucial for performance.
- **Brake Inspection:** Regularly check the brake levers, cables, and disc pads for wear. Adjust or replace as necessary.
- **Fasteners:** Ensure all screws and bolts are tight before each ride.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

This section addresses common issues you might encounter with your RCB D5 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Power button malfunction	Charge the battery; Check all cable connections; Contact support if issue persists
Reduced range or speed	Under-inflated tires; Overload; Battery degradation; Riding uphill frequently	Check and inflate tires; Reduce load; Ensure full charge; Adjust riding style
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable)	Inspect and replace brake pads; Adjust brake cable tension; Seek professional service
Unusual noises during ride	Loose components; Debris in wheels; Worn bearings	Check all fasteners; Inspect wheels for foreign objects; Contact support for bearing issues

Specifications

Feature	Detail
Model Name	D5
Motor Power	500W
Battery Capacity	48V / 20.8Ah
Maximum Speed	25 KM/H (15.5 mph)
Typical Range	90-100 KM
Wheel Size	10 Inches (Flatproof Tires)
Brake Type	Front and Rear Disc Brakes + Electronic Brakes
Suspension	Dual Suspension
Frame Material	Aluminium
Net Weight	29.6 kg (65.3 lbs)
Product Dimensions (Unfolded)	118 x 60 x 139 cm
Folded Dimensions	118 x 22.8 x 54 cm
Maximum Weight Capacity	150 Kilograms
Recommended Age	16+
Test Standard	EN 17128:2020

Warranty and Support

RCB provides warranty services and lifetime after-sales consulting for all its products. For any issues or inquiries, please contact our customer service team.

Contact Information:

- Email: contact@rcb-scooter.com
- Website: https://rcb-scooter.com/
- Additional Resources: https://linktr.ee/rcb.new

Important Note: There may be local legal restrictions relating to the use of this product. Please check before you buy and use this product.

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Ask a question about this manual

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question