

## REDDYDY RD2

# REDDYDY RD2 Off-Road Electric Scooter User Manual

Model: RD2

## 1. SAFETY INFORMATION

Before operating the REDDYDY RD2 Electric Scooter, please read and understand all safety instructions. Failure to follow these guidelines may result in serious injury or damage to the scooter.

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads, gloves) when riding.
- Ensure tires are properly inflated to the recommended pressure for optimal stability and control.
- Familiarize yourself with the scooter's controls, including throttle, brakes, and riding modes, before riding at high speeds.
- Avoid riding in wet conditions, on slippery surfaces, or in heavy traffic. The scooter has IPX6 water resistance, but the battery pack is IPX7.
- Do not exceed the maximum weight limit of 200 kg (440 lbs).
- Always check the brakes and lights before each ride.
- Be aware of your surroundings and ride defensively.
- This scooter is designed for adults.

The RD2 is a high-performance electric scooter capable of speeds up to 50 MPH. Exercise extreme caution and gradually increase speed as you become comfortable with the scooter's handling.

## 2. SETUP AND ASSEMBLY

Your REDDYDY RD2 Electric Scooter comes mostly pre-assembled. Follow these steps to complete the setup:

1. **Unboxing:** Carefully remove the scooter and all accessories from the packaging.
2. **Unfolding:** Release the folding mechanism and raise the handlebar stem until it locks into place.

3. **Handlebar Installation:** Attach the handlebar to the stem, ensuring all screws are securely tightened.
4. **Accessory Attachment:** Install any additional accessories such as the mobile phone holder, front bag, or steering damper if included with your model.
5. **Initial Charge:** Fully charge the scooter's battery before its first use.



Image: Overview of included parts and accessories for the REDDYDY RD2 Electric Scooter.

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Video: General assembly and display setup for an electric scooter. While this video features the A7pro, the assembly steps are broadly applicable to similar scooter models like the RD2.

## 3. OPERATING INSTRUCTIONS

### 3.1 Powering On/Off

- Insert the key into the ignition and turn it to the ON position.
- Press the power button on the display to activate the scooter.
- To power off, turn the key to the OFF position and press the power button on the display.

### 3.2 Display and Controls

The Smart LCD Display provides real-time information and allows control over various settings.

# Smart LCD Display

NFC intelligent unlocking



Image: Close-up of the Smart LCD Display with NFC intelligent unlocking feature.

- **NFC Unlocking:** Use the provided NFC card to unlock the scooter.
- **Speed Modes (Gears):** Cycle through different speed gears (e.g., 1, 2, 3) using the mode button. Gear 3 typically offers the highest speed.
- **Dual Motor Activation:** Activate both motors for maximum power and speed. This setting consumes battery faster.
- **Lights:** Turn on/off the LED headlights and taillights using the dedicated switch.
- **Indicators:** Use the left/right indicator switch for signaling turns.

## 3.3 Riding

- **Throttle:** Gently twist the throttle to accelerate. Be mindful of the scooter's powerful acceleration, especially in higher gears and dual motor mode.
- **Braking:** The scooter is equipped with a dual braking system (front and rear disc brakes). Apply both brakes smoothly and evenly to slow down or stop.
- **Steering:** The adjustable steering damper helps maintain stability at higher speeds and on uneven terrain.

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Video: Demonstration of the REDDYDY RD2 Electric Scooter in action, showcasing its performance and handling.

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Video: Performance review of a similar high-power electric scooter, demonstrating speed and hill-climbing capabilities. Note: This video features a related product (X5U) but illustrates features common to high-performance scooters like the RD2.

### 3.4 Folding for Storage/Transport

The RD2 features a high-strength foldable frame for convenient storage and transport.



Image: Comparison of the REDDYDY RD2 Electric Scooter in its unfolded and folded states, showing dimensions for storage.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Tire Pressure:** Check tire pressure regularly. Proper inflation is crucial for ride quality, range, and safety.
- **Brake Inspection:** Periodically inspect brake pads and cables for wear and tear. Adjust or replace as needed.
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electronic components.
- **Battery Care:** Store the scooter in a cool, dry place. Avoid fully discharging the battery and charge it regularly, even when not in use, to prolong its lifespan.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight.

## 5. TROUBLESHOOTING

If you encounter issues with your REDDYDY RD2 Electric Scooter, refer to the following common solutions:

- **Scooter not powering on:** Check if the battery is charged and the key is in the ON position. Ensure all connections are secure.
- **Reduced range/power:** This could indicate low tire pressure, a partially charged battery, or riding in a high-power mode for extended periods.
- **Brakes not responding:** Inspect brake cables and pads. Adjust or replace if necessary.
- **Unusual noises:** Stop riding immediately and inspect the scooter for loose parts or damage.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact REDDYDY customer support.

## 6. SPECIFICATIONS



Image: Visual representation of the RD2's 5000W dual motor power, 50 MPH max speed, and 45° climbing capability.

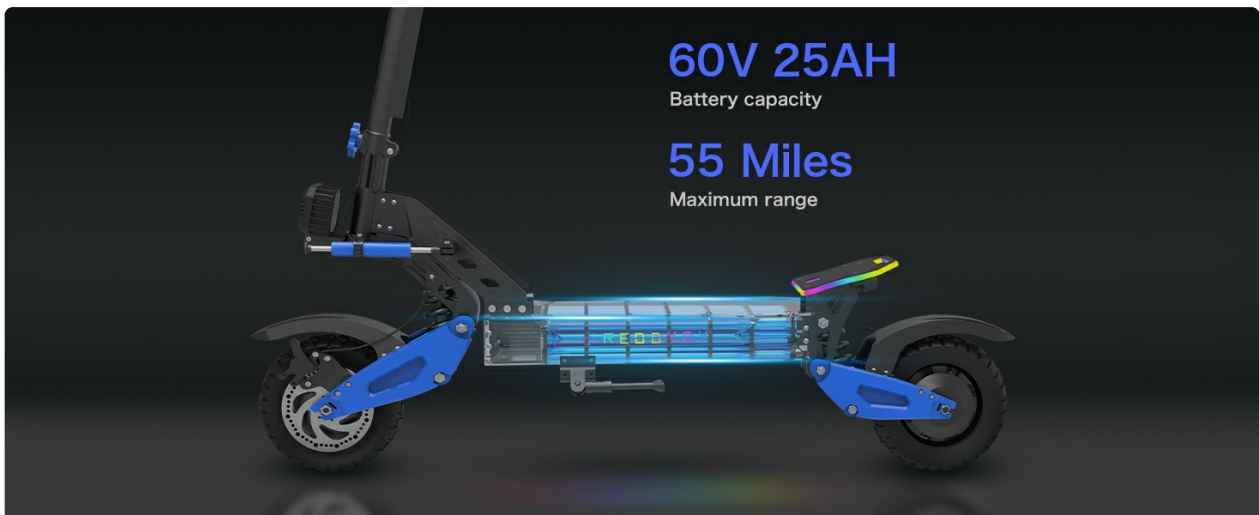


Image: Illustration of the 60V 25AH battery capacity providing a maximum range of 55 miles.



Image: The RD2's IPX6 water resistance rating, ensuring protection against wet conditions. The battery pack is IPX7.

Feature	Specification
Brand	REDDYDY
Model Name	RD2 (50MPH 55Miles)
Motor Power	5000W Dual Motor (2500W x 2)
Top Speed	Up to 50 MPH
Battery	60V 25Ah Lithium Battery
Max Range	55 Miles
Tires	10.5-Inch Pneumatic Off-Road Tires
Suspension	Dual Suspension (Front & Rear Hydraulic Shock Absorbers)
Braking System	Dual Disc Braking (Front & Rear)

Feature	Specification
Frame Material	Aluminum Alloy
Max Load Capacity	200 kg (440 lbs)
Special Features	Adjustable Handlebar Height, Digital Display, Foldable, LED Lights, Smart APP Control, NFC Unlocking, Adjustable Steering Damper
Battery Charge Time	6 Hours
Water Resistance Rating	IPX6 (Scooter), IPX7 (Battery Pack)

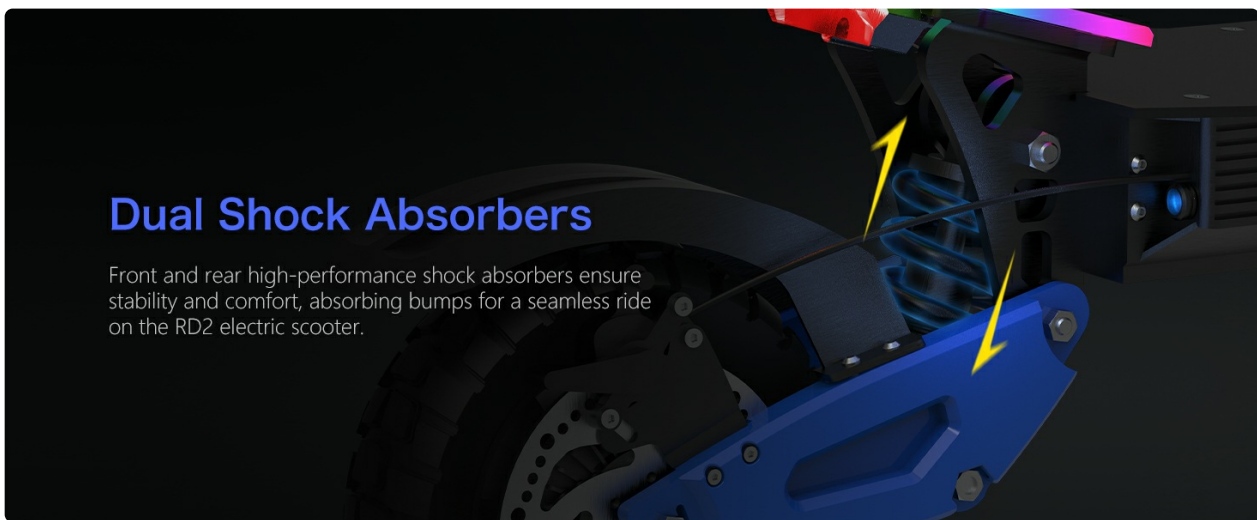


Image: Front and rear high-performance shock absorbers ensuring stability and comfort.



Image: The scooter's front and rear disc brakes provide precise and powerful stopping capability.

# Adjustable Steering Damper

Say Goodbye to Wobble Stable Steering, Safer Ride

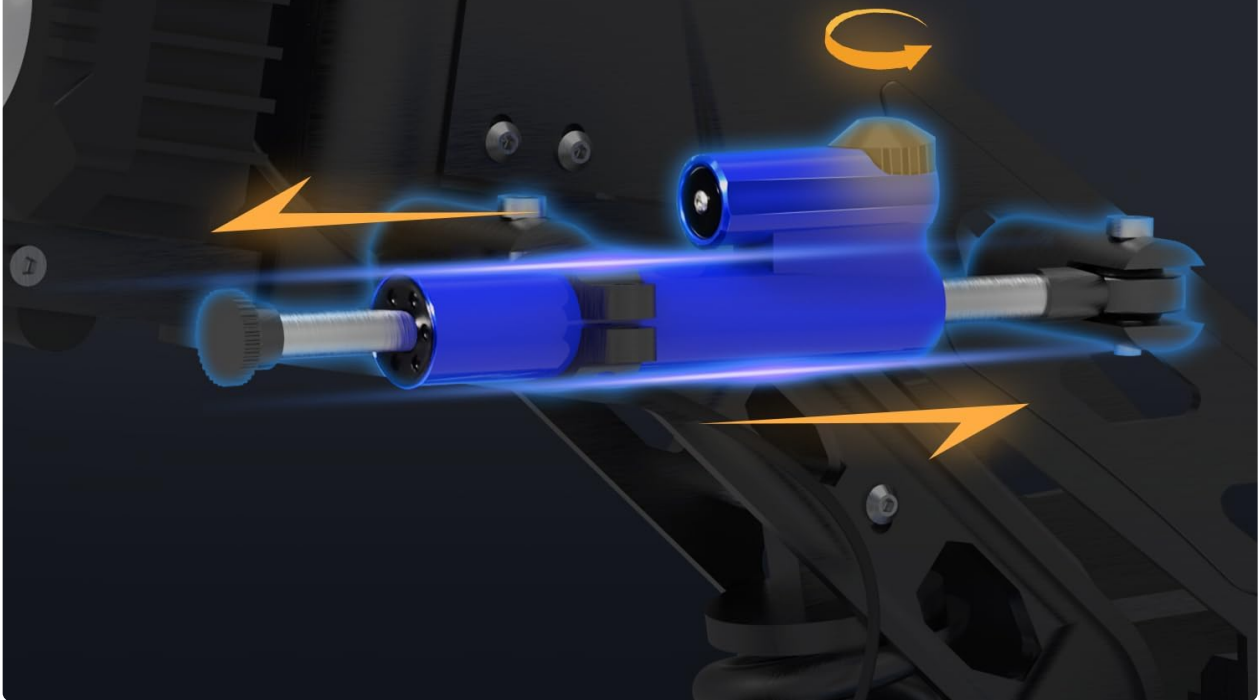


Image: The adjustable steering damper enhances stability and provides a safer ride by reducing handlebar wobble.

## 10.5" ALL-Terrain Tire

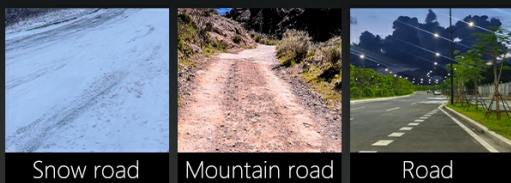


Image: The 10.5-inch all-terrain pneumatic tires are designed for various surfaces including snow, mountain roads, and paved roads.

## 7. WARRANTY AND SUPPORT

REDDYDY offers a 6-month limited manufacturer warranty on major parts against defects under normal use. Beyond the warranty period, continued technical support and part availability are provided.

### Customer Support Contact:

- **WhatsApp:** [+86 15818419360](https://wa.me/8615818419360) (Available 24 hours a day)
- **Live Chat & Email:** [rayiservice@163.com](mailto:rayiservice@163.com)

Connect with our dedicated support team for prompt assistance.