

COSWHEEL R6000

COSWHEEL R6000 Electric Dirt Bike User Manual

Model: R6000

1. IMPORTANT SAFETY INFORMATION

Read this manual thoroughly before operating the COSWHEEL R6000 Electric Dirt Bike. Failure to follow instructions and safety warnings can result in serious injury or property damage. Always wear appropriate safety gear, including a helmet, gloves, and protective clothing.

- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery, and all fasteners to ensure they are in proper working condition.
- **Riding Environment:** Operate the bike in safe, controlled environments. Avoid public roads unless legally permitted and equipped for such use.
- **Weather Conditions:** Exercise caution in wet or slippery conditions. The bike's performance may be affected.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).
- **Battery Safety:** Use only the provided charger. Do not modify the battery or charger. Keep the battery away from water and extreme temperatures.
- **Children:** This electric dirt bike is not a toy and is not intended for use by children without adult supervision.

2. PRODUCT OVERVIEW

The COSWHEEL R6000 is a high-performance electric dirt bike designed for off-road use. It features a powerful motor, long-range battery, and robust suspension system.

Key Features:

- **Motor:** 7000W Peak Brushless Motor
- **Battery:** 60V 30Ah 1800WH Lithium Battery
- **Max Speed:** Up to 55 MPH (speed can be limited)
- **Range:** Up to 80 Miles (depending on riding conditions)
- **Tires:** 17-inch Off-Road Tires
- **Suspension:** Dual Suspension (Nitrogen Damping, Inverted Hydraulic Shock)
- **Brakes:** Dual Hydraulic Disc Brakes
- **Display:** Colorful Informative Display

- **Speed Modes:** 3 Speed Modes

Included Components:

- COSWHEEL R6000 Electric Dirt Bike
- Tool Kit
- Fenders
- Charger
- User Manual (this document)

3. SETUP AND ASSEMBLY

The COSWHEEL R6000 requires some assembly before its first use. It is recommended to have basic tools and follow these steps carefully.

3.1 Unboxing and Initial Inspection

- Carefully remove all components from the packaging.
- Check for any visible damage during shipping. Contact customer support immediately if any damage is found.
- Verify all included components are present against the packing list.

3.2 Front Wheel Installation

1. Position the front wheel correctly within the fork dropouts, ensuring the brake rotor aligns with the caliper.
2. Insert the quick-release lever or axle through the wheel hub and secure it according to the instructions provided in the installation video.
3. Tighten all fasteners securely.

Your browser does not support the video tag.

Video: R6000 Installation Guide. This video demonstrates the assembly process, including front wheel installation and other key steps.

3.3 Handlebar and Fender Installation

- Attach the handlebars to the stem, ensuring proper alignment and tightness.
- Install the front and rear fenders.

3.4 Battery Installation and Initial Charge

- Ensure the battery rail and bottom plate are fully tightened before inserting the battery.
- Insert the 60V 30Ah battery into its compartment.
- Connect the charger to the bike's charging port and then to a power outlet.
- Allow 8-10 hours for the initial full charge. The charger indicator will change when charging is complete.



Image: 60V 30Ah Removable Battery. This diagram illustrates the battery's capacity, range, and charging time.

3.5 Pre-Ride Safety Check

- Confirm all bolts and fasteners are tight.
- Check tire pressure (17-inch off-road tires).
- Test both front and rear hydraulic brakes for proper function.
- Ensure the throttle operates smoothly and returns to the off position.
- Verify headlights and taillights are working.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features before riding.

4.1 Powering On/Off

- To power on, press and hold the power button on the display.
- To power off, press and hold the power button again until the display turns off.

4.2 Display and Speed Modes

- The colorful display shows speed, battery level, and current speed mode.
- Cycle through the 3 speed modes using the mode button on the handlebar controls. Start in a lower speed mode until comfortable with the bike's power.

4.3 Throttle and Braking

- The bike is equipped with a throttle for electric power. Apply throttle gradually to control acceleration.
- Use the dual hydraulic disc brakes for stopping. Apply both brakes smoothly and evenly for effective stopping power.

HYDRAULIC BRAKES

Powerful Braking

Quick Response

Smooth Lever Feel

Precise Control



Image: Dual Hydraulic Brakes. This image highlights the braking system's features for safety and control.

4.4 Riding Tips

- Maintain a balanced posture, especially on uneven terrain.
- Be aware of your surroundings and potential obstacles.
- Practice braking and turning in a safe area before attempting challenging trails.

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Video: R6000 Electric Dirt Bike in Action. This video demonstrates the bike's capabilities in various riding scenarios.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your COSWHEEL R6000.

5.1 Battery Care

- Charge the battery fully after each ride.
- If storing the bike for an extended period, charge the battery to 50-70% and store in a cool, dry place. Recharge every 1-2 months.
- Avoid completely draining the battery, as this can reduce its lifespan.

5.2 Brake System

- Regularly inspect brake pads for wear and replace them when necessary.
- Check brake fluid levels and bleed the system if braking feels spongy.
- Ensure brake rotors are clean and free of oil or grease.

5.3 Tires and Wheels

- Check tire pressure before each ride and inflate to the recommended PSI.
- Inspect tires for cuts, punctures, or excessive wear.
- Ensure wheel spokes are properly tensioned.

OFF-ROAD 17" TIRES

 **Strong Grip**

 **All-Terrain Ready**

 **Durable & Tough**

 **Enhanced Stability**

Image: Off-Road 17" Tires. This image shows the robust tread design suitable for various terrains.

5.4 Suspension System

- Periodically check the front and rear suspension for proper function and adjust as needed.
- Lubricate the swingarm pivot points to prevent squeaking noises.



Image: Full Suspension System. This diagram details the components of the bike's dual suspension.

5.5 General Inspection

- Regularly check and tighten all visible bolts and fasteners.
- Keep the bike clean, especially after riding in muddy or dusty conditions. Avoid using high-pressure washers directly on electrical components.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your COSWHEEL R6000.

6.1 Power Issues

- **Bike does not power on:** Ensure the battery is fully charged and properly seated. Check all electrical connections.
- **Battery not charging:** Verify the charger is correctly connected to both the bike and the power outlet. Check for damage to

the charger or charging port.

6.2 Performance Issues

- **Reduced range or power:** This may indicate a low battery charge or a degrading battery. Ensure proper charging habits.
- **Motor not engaging:** Check throttle connections and ensure no error codes are displayed.

6.3 Mechanical Noises

- **Squeaking from swingarm:** Lubricate the swingarm pivot points. Ensure fasteners on the rear shock are not overtightened.
- **Brake noise:** Clean brake rotors and pads. Check for worn brake pads.

6.4 Display Issues

- **Display too bright at night:** The display does not dim automatically. Consider using a small cover for night riding if distracting.

For issues not covered here, please contact COSWHEEL customer support.

7. SPECIFICATIONS

Model Name	R6000
Bike Type	Electric Dirt Bike, Electric Motorcycle
Motor	7000W Peak Brushless Motor
Max Speed	55 MPH (Can Limit Speed)
Battery	60V 30Ah 1800WH Lithium Battery
Max Range	Up to 80 Miles
Wheel Size	17 inches
Tires	17" Off-Road Tires
Suspension Type	Dual Suspension (Full Suspension)
Brake Style	Dual Hydraulic Disc Brakes
Item Weight	124 pounds
Max Load Capacity	330 lbs
Recommended Rider Height	5'0" - 6'4"
Speed Modes	3 Speed Modes
Charging Time	8-10 Hours



Image: COSWHEEL R6000 Dimensions. This image provides key measurements and recommended rider height/weight.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The COSWHEEL R6000 Electric Dirt Bike comes with a **1-year vehicle warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage due to misuse, accidents, normal wear and tear, or unauthorized modifications.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your COSWHEEL R6000, please contact the COSWHEEL Official Flagship Store customer support. Have your purchase details and model number (R6000) ready when contacting support. Contact information can typically be found on your purchase receipt or the seller's page where the product was acquired.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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