

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [COSWHEEL](#) /
- › [COSWHEEL R19 Electric Dirt Bike User Manual](#)

COSWHEEL R19

COSWHEEL R19 Electric Dirt Bike User Manual

Model: R19

Brand: COSWHEEL

1. INTRODUCTION

Welcome to the COSWHEEL R19 Electric Dirt Bike experience. This manual provides essential information for the safe operation, maintenance, and optimal performance of your electric bike. Please read it thoroughly before your first ride and keep it for future reference.



Image: The COSWHEEL R19 Electric Dirt Bike, showcasing its robust design and off-road tires, ready for adventure.

2. SAFETY INFORMATION

Your safety is paramount. Always wear appropriate safety gear, including a helmet, gloves, and protective clothing, when operating the COSWHEEL R19. Be aware of your surroundings and local regulations.

Important Warnings:

- The factory configuration of the R19 is primarily designed for road and light off-road use.
- It is **not intended for jumping or aerial maneuvers** unless the rear suspension has been adjusted with specific rebound and compression damping settings for such purposes, or unless the bike has been modified with front forks and a rear suspension system specifically intended for these activities.
- Always perform a pre-ride inspection to ensure all components are secure and functioning correctly.
- Familiarize yourself with the controls and braking system before riding at high speeds.

3. SETUP & ASSEMBLY

The COSWHEEL R19 Electric Dirt Bike comes largely pre-assembled. Minimal setup is required to get you riding quickly.

Included Components:

- R19 Ebike x1
- Fender x2
- Charger x1
- Manual x1
- Tool Bag x1

Initial Steps:

1. **Unboxing:** Carefully remove the bike and all components from the packaging.
2. **Handlebar Adjustment:** Adjust the handlebars to a comfortable riding position and secure them firmly.
3. **Pedal Installation:** Attach the pedals to the crank arms. Ensure they are tightened correctly (left pedal is reverse threaded).
4. **Battery Installation:** Insert the 72V/40Ah battery securely into its compartment. Ensure it is locked in place.
5. **Power On:** Use the provided key to activate the bike's power system. The display will illuminate.

Video: This video demonstrates the unboxing, battery installation, and initial power-on sequence of the COSWHEEL R19 Electric Dirt Bike, providing a visual guide for setup.

4. OPERATING INSTRUCTIONS

Controls and Display:

- **Headlight & Horn:** Located on the left handlebar, these controls activate the bright LED headlight and horn for visibility and safety.
- **Pedal Assist (PAS) Modes:** The digital display shows battery level, speed, and current PAS mode. Adjust PAS levels to control motor assistance while pedaling.
- **Throttle Assist:** Engage the throttle for pure electric power without pedaling.
- **Shimano 7-Speed Gear:** Utilize the 7-speed gear shifter on the right handlebar for mechanical pedaling efficiency across various terrains.
- **Fork Suspension Adjustment:** The front fork suspension can be adjusted for optimal comfort and handling on different surfaces.

Video: This video demonstrates the various controls and features of the COSWHEEL R19, including lights, horn, pedal assist, and gear shifting, providing a practical overview for riders.

Key Features for Performance:

- **Unmatched Power & Speed:** Powered by a 6000W peak motor, the R19 delivers a top speed of over 50MPH, offering thrilling acceleration and effortless hill-climbing.
- **Superior Comfort & Control:** Featuring a full suspension system, including a professionally tuned rear shock and forged front fork, this bike provides a smooth and stable ride by absorbing shocks and bumps on uneven terrains.
- **19" Aggressive Off-Road Tires:** Equipped with reinforced construction and deep treads for unstoppable traction, allowing you to crush rocks, mud, and dirt with confidence.

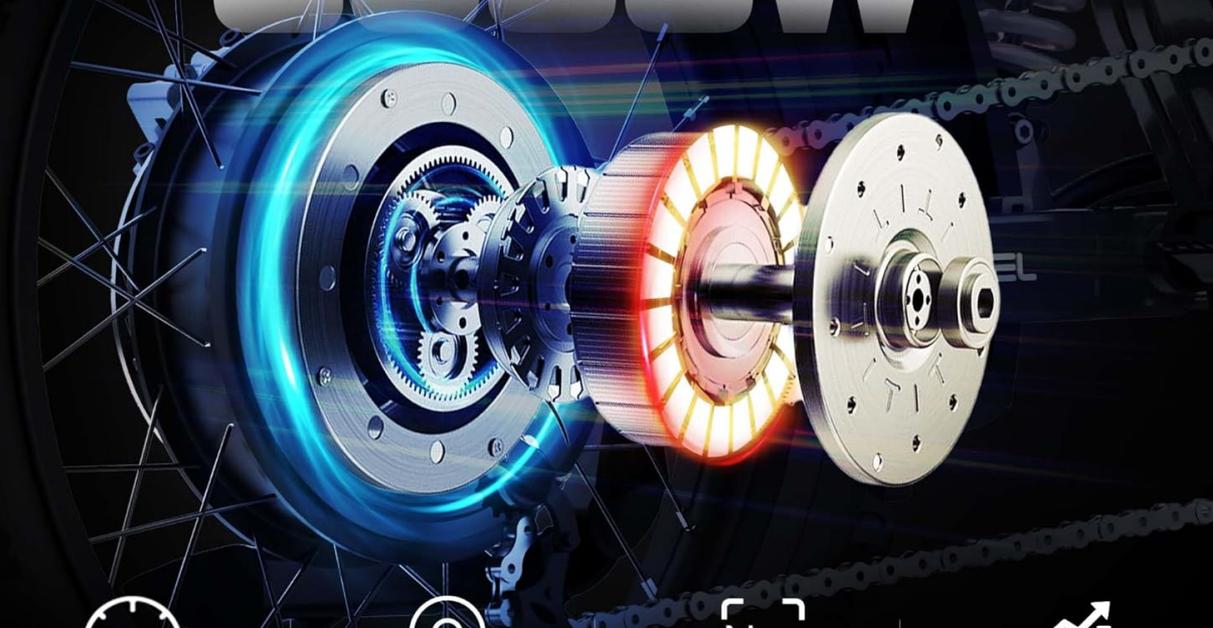


Image: A detailed view of the 19-inch aggressive off-road tire, highlighting its deep treads designed for superior traction on challenging terrains.

HIGH-SPEED MOTOR

Unleash Raw Power. Instant Acceleration,
Relentless Top Speed

6000W



50+MPH
MAX SPEED



125MILES
MAX RANGE



240N.M
TORQUE



40°
CLIMBING SLOPE

Image: An internal diagram illustrating the powerful 6000W high-speed motor, emphasizing its instant acceleration and relentless top speed capabilities.

MULTI-SHOCK SYSTEM FOR LONG-RIDE COMFORT



Performance saddle defies fatigue for all-day rides

Forged Front Fork for precise handling and impact resistance

Professionally tuned Rear Shock to absorb bumps

Image: A close-up of the multi-shock suspension system, featuring a performance saddle, professionally tuned rear shock, and forged front fork for long-ride comfort and precise handling.

Video: This video demonstrates the COSWHEEL R19's climbing capabilities, highlighting its power and traction on inclines.

Video: This video showcases the COSWHEEL R19 in various off-road environments, demonstrating its durability and performance on challenging trails.

5. BATTERY & CHARGING

The R19 is equipped with a high-capacity battery for extended rides.

- **Battery Type:** Massive 72V/40Ah Lithium-ion battery (2880 Watt Hours).
- **Max Range:** Up to 125 miles per charge, outranging most models on the market.
- **Charging Time:** Recharges in just 6 hours.
- **Charging Modes:** Supports direct charging or unlocking the battery pack for external charging.

HIGH-DENSITY BATTERY

More Energy, Unwavering Power

72V 40AH



72V/40AH
21700 Li-ion Battery



CHARGING MODES
Ⓚ Direct Charging
Ⓛ Unlock the battery pack

Image: A detailed view of the 72V 40AH high-density battery, emphasizing its large capacity for extended range and unwavering power.

6. MAINTENANCE

Regular maintenance ensures the longevity and safety of your COSWHEEL R19.

- **Regular Cleaning:** Keep your bike clean, especially after off-road rides, to prevent dirt and debris buildup.
- **Brake Inspection:** Regularly check the front and rear dual hydraulic brake system for wear and proper function.
- **Tire Pressure:** Maintain correct tire pressure for optimal performance and safety.
- **Suspension Check:** Inspect the full suspension system for any damage or leaks.
- **Battery Care:** Store the battery in a cool, dry place and charge it regularly, even when not in use, to prolong its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your COSWHEEL R19, refer to the following common troubleshooting tips:

- **Bike Not Powering On:** Ensure the battery is fully charged and correctly installed. Check that the key is turned to the 'on' position.
- **Motor Not Engaging:** Verify that the pedal assist (PAS) mode is active or the throttle is engaged. Check for any loose cable connections.
- **Brakes Not Responsive:** Inspect brake pads for wear and ensure brake levers are properly adjusted. If hydraulic, check fluid levels.
- **Reduced Range:** This may indicate a low battery charge, extreme riding conditions, or a need for battery recalibration.
- **Unusual Noises:** Stop riding immediately and inspect the bike for loose components, chain issues, or suspension problems.

For persistent issues, please contact COSWHEEL customer support.

8. SPECIFICATIONS

Detailed technical specifications for the COSWHEEL R19 Electric Dirt Bike:

Feature	Detail
Bike Type	Electric Bike
Model Name	R19
Brand	COSWHEEL
Age Range	Youth & Adults
Motor Wattage	6000 watts (Peak)
Battery	72V 40Ah Lithium Battery (2880 Watt Hours)
Max Range	125 Miles
Top Speed	Over 50 MPH
Charging Time	6 hours
Wheel Size	19 Inches
Wheel Width	4 Inches
Frame Material	Aircraft-Grade 6061-T6 Aluminum Alloy

Feature	Detail
Suspension Type	Full Suspension (Front & Rear)
Brake Style	Dual Hydraulic Disc
Number of Speeds	7 (Shimano)
Electric Assist Type	Throttle Assist
Item Weight	60 Pounds
Maximum Weight Recommendation	400 Pounds
Assembly Required	No (Minimal setup)
UPC	732224359434



Image: A close-up view of the aircraft-grade 6061-T6 aluminum alloy frame, highlighting its robust construction and superior strength.

9. WARRANTY & SUPPORT

Warranty Information:

The COSWHEEL R19 comes with a limited warranty. Main components are covered with a 6-12 month warranty. Please refer to the included manual for specific terms and conditions.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact COSWHEEL RETAILER customer support. You can also visit the [COSWHEEL Store on Amazon](#) for more information and support resources.