

## Manuals+

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

manuals.plus /

› [COSWHEEL](#) /

› [COSWHEEL GT20 Electric Bike User Manual](#)

## COSWHEEL GT20

# COSWHEEL GT20 Electric Bike User Manual

Model: GT20 | Brand: COSWHEEL

## 1. INTRODUCTION

---

Welcome to the COSWHEEL GT20 Electric Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Image: The COSWHEEL GT20 Electric Bike, featuring its robust frame, fat tires, and distinctive design.

## 2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and all connections.

### Key Safety Features:

- **Hydraulic Disc Brakes:** Equipped with efficient hydraulic disc braking system on both front and rear wheels for reliable stopping power.
- **Safety Lighting System:** Features classic angel eye headlight, front and rear turn signal lights, and a highlight LED rear brake light for enhanced visibility.

Your browser does not support the video tag.

Video: Demonstrates the COSWHEEL GT20 Electric Bike's safety lighting system, including the headlight, turn signals, and

rear brake light, enhancing rider visibility.

### 3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your COSWHEEL GT20 Electric Bike:

- **1500W Brushless Motor:** Provides powerful assistance for various terrains.
- **48V/25Ah Removable Battery:** High-capacity battery for extended range.
- **20" x 4.0" Fat Tires:** All-terrain tires for stability and grip.
- **Dual Hydraulic Disc Brakes:** Front and rear braking system for reliable stops.
- **Dual Suspension:** Front aluminum alloy shock absorber and rear shock absorber for a comfortable ride.
- **Shimano 7-Speed Gears:** Allows for versatile pedaling and speed control.
- **Large-sized LCD Display:** Shows speed, riding time, mileage, and battery level.
- **Lighting System:** Angel eye headlight, front & rear turn signals, LED rear brake light.

## ENJOY THE SPEED AND THRILL UNIMPEDED RIDING FREELY



#### WATERPROOF

Waterproof IP65



#### SHIMANO 7-SPEED DERAILLEUR

Sensitive shifting, labor-saving, easy to ride even without electricity



#### COMFORTABLE SPONGE CUSHION

High-density rebound sponge long-term riding will not be tired providing multi-directional protection.



#### HIGHLIGHT LED REAR LIGHT

Tail light after night riding, safety warning, to ensure night driving is safer.



#### INTELLIGENT & AGILE CONTROLLER

Controller System: Adjust the operating speed of different road conditions, is better Balance performance, bring you Simo-level experience.



Image: Overview of key features including IP65 waterproof rating, Shimano 7-speed derailleur, comfortable sponge cushion,

highlight LED rear light, and intelligent controller.



Image: Detailed view of the classic angel eye headlights, dual hydraulic disc brake, large-sized LCD display, and dual suspension system.

## 4. SETUP AND ASSEMBLY

Your COSWHEEL GT20 Electric Bike arrives 85% pre-assembled. The remaining assembly typically involves attaching the handlebars, front wheel, pedals, and fenders. A tool bag and user manual are included to assist you. For detailed visual instructions, please refer to the official installation tutorial video provided by COSWHEEL.

### Initial Steps:

1. Carefully unbox the bike and remove all packaging materials.
2. Attach the handlebars, ensuring they are securely tightened.
3. Install the front wheel and secure the hydraulic disc brake caliper.

4. Attach the left and right pedals (note L/R markings).
5. Install the front and rear fenders.
6. Fully charge the battery before first use.



Image: Illustrates the dimensions of the COSWHEEL GT20 and recommended rider height (5.1ft to 6.5ft) and payload capacity (330lbs).

## 5. OPERATING YOUR COSWHEEL GT20

### Riding Modes:

The GT20 offers three distinct riding modes to suit your preference and terrain:

- **Electric Mode:** Twist the throttle for full electric power without pedaling.
- **Pedal-Assist Mode (PAS):** Provides motor assistance as you pedal, making rides easier and extending range.
- **Bike Mode:** Ride like a traditional bicycle, using only pedal power.



### BIKE MODE

Without electricity just pedaling.



### PEDAL ASSIST MODE

Gently pedal while turning on the power.



### ELECTRIC MODE

Twist the throttle while turning on the power.

Image: Diagram illustrating the three riding modes: Bike Mode (pedaling only), Pedal Assist Mode (pedaling with motor assistance), and Electric Mode (throttle only).

## Battery Usage and Charging:

The 48V/25Ah removable battery provides a range of 83-93 miles per full charge in pedal-assist mode. Charging takes approximately 3.5-8 hours. You can charge the battery directly on the bike or remove it for charging indoors.

# 48V 25Ah Lithium Battery

Removable High Capacity Battery

-  **3.5–8Hrs**  
Full Charge
-  **93 Miles**  
Max Range
-  **Charging Modes**  
① Direct Charging ② Unlock the battery pack
-  **PAS Mode**  
83–93 Miles
-  **Electric Mode**  
55–62 Miles

Image: Visual representation of the 48V 25Ah Lithium Battery, highlighting its removable high capacity, 3.5-8 hours full charge time, and 93 miles max range.

Your browser does not support the video tag.

Video: Showcases the COSWHEEL GT20 Electric Motorcycle with its 48V/25AH battery, emphasizing its power and range capabilities.

### All-Terrain Capability:

The 20" x 4.0" fat tires are designed for high wear resistance and superior grip, allowing you to confidently ride on various surfaces including snow, mountain roads, sand, beach, and city streets. The dual suspension system further enhances comfort and stability on uneven terrain.



# 20" X 4" FAT TIRE

## ADAPT TO ALL TERRAIN



SNOW ROA



MOUNTAIN ROAD



SAND ROAD



BEACH ROAD



CITY ROAD

Image: Highlights the 20" x 4" fat tires and their adaptability to various terrains: snow, mountain, sand, beach, and city roads.

Your browser does not support the video tag.

Video: Features the COSWHEEL Electric Mountain Bike conquering various terrains with ease, demonstrating its robust design and powerful motor.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your COSWHEEL GT20. Always turn off the bike and remove the battery before performing any maintenance.

### General Care:

- **Cleaning:** Wipe down the frame with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure regularly (refer to tire sidewall for recommended PSI). Inspect for wear and punctures.

- **Brakes:** Periodically check brake pads for wear and ensure hydraulic lines are intact. Test brake effectiveness before each ride.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.

### Battery Care:

- Store the battery in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently.
- Charge the battery at least once every two months if not used regularly to maintain its health.

## 7. TROUBLESHOOTING

This section covers common issues you might encounter with your COSWHEEL GT20 and their potential solutions. If you experience a problem not listed here, or if the suggested solutions do not resolve the issue, please contact customer support.

### Common Issues:

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly seated.	Ensure battery is fully charged and securely inserted. Check power button.
Motor not assisting.	Pedal-assist level too low, or throttle not engaged.	Increase pedal-assist level on the display. Ensure throttle is twisted correctly in electric mode.
Brakes feel weak.	Worn brake pads or air in hydraulic lines.	Inspect brake pads for wear and replace if necessary. If hydraulic, professional service may be required to bleed the lines.
Unusual noises during riding.	Loose components, dry chain, or debris.	Check all bolts and connections. Lubricate the chain. Inspect for any foreign objects.

## 8. SPECIFICATIONS

Detailed technical specifications for the COSWHEEL GT20 Electric Bike:

Feature	Specification
Motor	1500W (1000W rated) Brushless Motor, 80N.M Torque

Feature	Specification
Battery	48V/25Ah Removable Lithium Battery (UL-certified, BMS system)
Max Range	83-93 Miles (Pedal-Assist Mode)
Charging Time	3.5-8 Hours
Tires	20" x 4.0" Fat Tires (All Terrain, Directional Tread)
Brakes	Dual Hydraulic Disc Brakes (Front & Rear)
Suspension	Dual Suspension (Front Aluminum Alloy Shock Absorber, Rear Shock Absorber)
Gears	Shimano 7-Speed
Frame Material	Aluminum Alloy
Item Weight	86 Pounds
Maximum Weight Recommendation	330.7 Pounds
Dimensions (LxWxH)	70.8 x 27.2 x 41.7 inches

# 1500W PEAK POWERFUL BRUSHLESS MOTOR

ALL COPPER MATERIAL, LONG SERVICE LIFE



**31MPH**  
Max Speed



**7-Speed**  
Shimano Gears



**80N.m**  
Max Torque



**35°**  
Climbing Slope

Image: Close-up view of the 1500W peak powerful brushless motor, highlighting its 31MPH max speed, 80N.m max torque, and 35° climbing slope capability.

# AUTOMOTIVE GRADE DUAL SHOCK ABSORBERS

Aluminum Alloy Shock Absorber Front Fork\*

Rear Shock Absorber



Image: Illustrates the automotive-grade dual shock absorbers, including the aluminum alloy shock absorber front fork and rear shock absorber, for enhanced ride comfort.

## 9. WARRANTY AND SUPPORT

### Warranty Information:

Each COSWHEEL Electric Bike comes with a 1-year all-inclusive warranty service from the date of purchase. This warranty covers manufacturing defects and ensures your peace of mind.

### Customer Support:

COSWHEEL is committed to providing excellent customer service. If you have any questions regarding assembly, operation, maintenance, or require technical guidance, please do not hesitate to contact our professional technical support team. We aim to reply to all inquiries within 24 hours.

Please retain your original packaging for some time in case of any issues requiring return or service.

