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## Freego X2Pro

# Freego X2Pro Electric Motorcycle Instruction Manual

Model: X2Pro | Brand: Freego

## 1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Freego X2Pro Electric Motorcycle. Please read this manual thoroughly before operating the vehicle to ensure proper use and to prevent injury or damage.



Figure 1: Freego X2Pro Electric Motorcycle

The Freego X2Pro is a high-performance electric motorcycle designed for adults and teens, featuring a powerful 6000W (peak) motor, 1800Wh battery, and full suspension for off-road capabilities. It is UL 2849 Certified, ensuring safety and reliability.

## 2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate protective gear when riding. Familiarize yourself with local laws and regulations regarding electric bicycle operation. Perform pre-ride checks to ensure all components are in good working order.

- Always wear a certified helmet and protective clothing.
- Ensure brakes are functioning correctly before each ride.
- Check tire pressure and tread condition regularly.
- Do not operate the motorcycle under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.

### 3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged:

- Freego X2 Pro Electric Motorcycle
- E Bike Accessory Kit
- Charger
- Tool Kit

### 4. SETUP

#### 4.1 Assembly

The Freego X2Pro requires some assembly. This typically includes installing the front wheel, handlebars, headlight, and front brake caliper. Use the provided tool kit for assembly. Ensure all bolts are tightened securely. For detailed visual instructions on assembly, please refer to the video below:

Your browser does not support the video tag.

Video 1: X2 Electric Motorcycle Assembly and Review. This video demonstrates the assembly process, including front wheel, handlebars, and brake caliper installation, along with a general review of the bike's features.

#### 4.2 Initial Battery Charge

Before your first ride, fully charge the 60V, 30Ah (1800Wh) lithium battery. Connect the charger to the charging port on the motorcycle and then to a power outlet. The charging indicator on the charger will change when fully charged.

### 5. COMPONENTS OVERVIEW

#### 5.1 Motor and Battery

The Freego X2Pro is equipped with a 3000W nominal motor, capable of reaching 6000W peak power. It is powered by a 60V, 30Ah (1800Wh) removable lithium-ion battery, providing ample power and range.



Figure 2: Motor Power and Performance

## 5.2 Frame and Suspension

The X2Pro features a high-tensile steel frame, offering enhanced toughness and flexibility compared to aluminum structures. It boasts a dual full suspension system with adjustable front forks and a rear shock absorber, designed to provide a smooth ride over varied terrain.

# SAFETY SYSTEM PROTECTION

## Front & Rear Full Suspension

Full-suspension shock absorbers front and rear absorb shock on rough terrain to increase comfort and reduce rider fatigue. Improves traction and control for a smoother ride on uneven surfaces.



Figure 3: Full Suspension System

### 5.3 Braking System

For superior stopping power, the X2Pro is equipped with advanced four-piston hydraulic brakes and 203mm rotors. This system ensures reliable and responsive braking in all conditions.

## 4-Piston Dual Hydraulic Brake System With 203-Mm Rotor STRONGER BRAKING

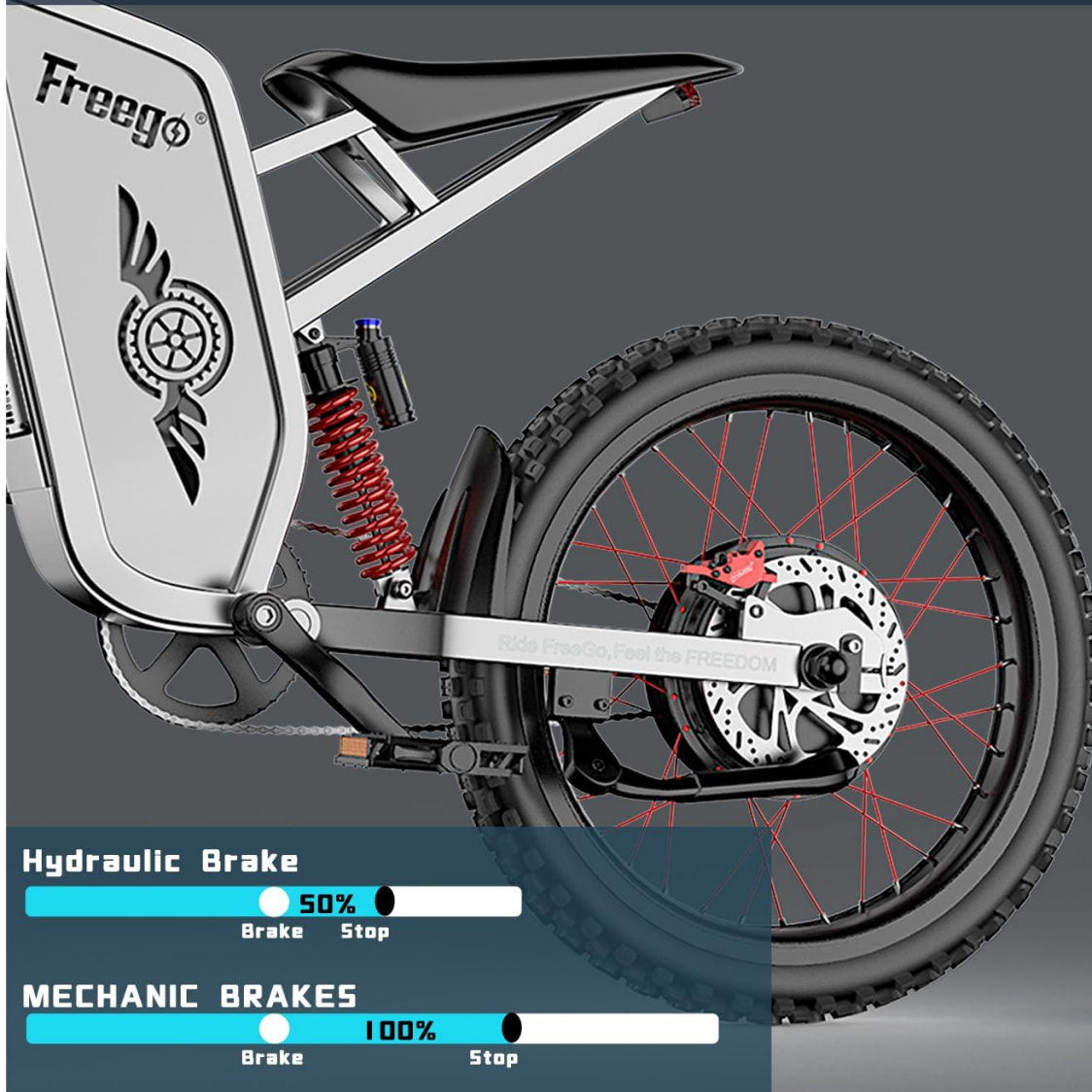


Figure 4: Four-Piston Hydraulic Brake System

### 5.4 Tires

The motorcycle is fitted with 19-inch x 2.0 fat tires, designed for adaptability across various terrains, including snow, mountain trails, beaches, and city roads.

# 19" X2.0 FAT TIRE

ADAPTABLE TO ALL TERRAINS



SNOW ROAD



MOUNTAIN ROAD



BEACH ROAD



CITY ROAD



Figure 5: All-Terrain Fat Tires

## 5.5 Display and Controls

The modern M5 digital screen provides real-time data such as velocity, battery percentage, and mileage. Handlebar controls include a headlight button, a loud horn, and power mode selectors.



Figure 6: Handlebar Controls and M5 Display

## 5.6 Pedals and Throttle

The X2Pro features magnetic pedal-assist technology, activating the motor with pedal movement. It also includes a half-twist throttle for powered acceleration.

## 6. OPERATING INSTRUCTIONS

### 6.1 Powering On/Off

To power on the motorcycle, ensure the battery is securely in place and the main power switch (if applicable) is on. Then, use the display's power button or NFC card to activate the system. To power off, reverse the process or hold down the power button.

### 6.2 Riding Modes

The X2Pro offers different riding modes. The 'Eco' mode provides extended range and moderate power, while the 'Powerful' mode (Off-Road mode) delivers maximum acceleration and speed up to 50 MPH. Select the appropriate mode using the handlebar controls.

## SAFETY SYSTEM PROTECTION

### Front & Rear Full Suspension

Full-suspension shock absorbers front and rear absorb shock on rough terrain to increase comfort and reduce rider fatigue. Improves traction and control for a smoother ride on uneven surfaces.

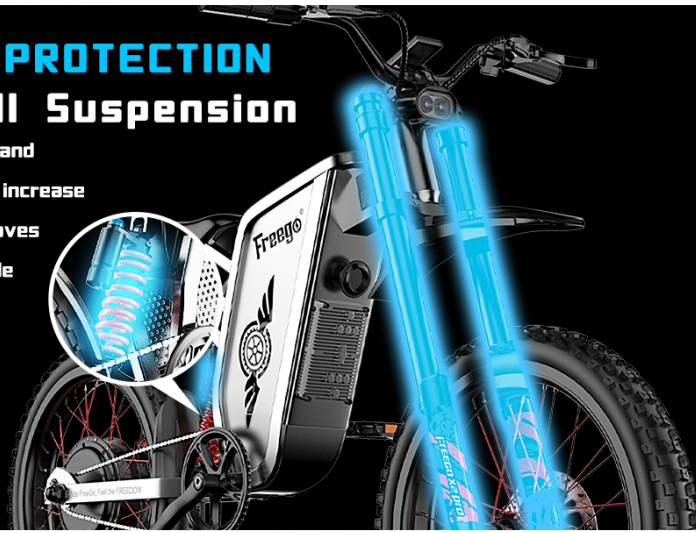


Figure 7: Riding Modes

### 6.3 Throttle and Pedal Assist

Engage the half-twist throttle for electric power. For assisted riding, simply pedal, and the magnetic pedal-assist sensor will activate the motor, providing a boost to your pedaling effort.

### 6.4 Lights and Horn

Use the dedicated buttons on the handlebars to activate the bright headlights and rear taillights for improved visibility. The horn can be used to alert others to your presence.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Freego X2Pro.

- **Cleaning:** Regularly clean the motorcycle with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Brake Inspection:** Check brake pads and rotors for wear. Ensure brake levers provide firm and responsive braking. Adjust as needed.
- **Tire Pressure:** Maintain recommended tire pressure for optimal performance and safety. Refer to the tire sidewall for specific pressure ranges.
- **Suspension:** Periodically check suspension components for any signs of damage or leaks. Adjust the front forks and rear shock according to your riding preference and weight.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods.

## 8. TROUBLESHOOTING

- **Brake Rubbing:** If you experience brake rub after assembly or during use, check the alignment of the brake caliper and rotor. Minor adjustments may be needed to center the caliper over the rotor.
- **Display Unit (km/h vs. mph):** The display may default to kilometers per hour. Consult the user manual for specific button combinations or settings to switch to miles per hour if desired.
- **Loss of Power/Range:** Ensure the battery is fully charged and properly seated. Check for any loose connections. If issues persist, contact customer support.

## 9. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Age Range	Teens, Adults
Motor Power	3000W (Nominal), 6000W (Peak)
Battery	60V/30Ah (1800Wh) Lithium-ion
Max Speed	50 MPH (Off-Road Mode)
Frame Material	High-Tensile Steel
Wheel Size	19 Inches
Tire Type	19-inch x 2.0 Fat Tires
Suspension Type	Dual Full Suspension
Brake Style	Four-Piston Hydraulic Disc Brake (203mm rotors)
Item Weight	111 Pounds
Max Weight Recommendation	264 Pounds
Electric Assist Type	Pedal Assist
Display	M5 Digital Screen

## 10. WARRANTY AND SUPPORT

The Freego X2Pro Electric Motorcycle comes with a 12-month limited warranty. For any questions, problems, or instant support, please contact us via Amazon Messages or email us at [simailongamzi@163.com](mailto:simailongamzi@163.com).