FREESKY Rocky 2025

FREESKY Rocky 2025 Electric Bike User Manual

Your Guide to Safe and Enjoyable Riding

1. Introduction to Your FREESKY Rocky 2025

Welcome to the world of electric biking with your new FREESKY Rocky 2025. This electric bike is designed for adults seeking a powerful, long-range, and comfortable riding experience. Equipped with a robust 1200W motor (1800W peak), a high-capacity 48V 20/25Ah Samsung battery cell, and 20x4 fat tires, it offers exceptional performance and stability across various terrains. The full suspension system ensures a smooth ride, while its step-through frame provides easy accessibility for all riders.
This manual provides essential information for the safe operation, maintenance, and troubleshooting of your FREESKY Rocky 2025 electric bike. Please read it thoroughly before your first ride.



Figure 1: The FREESKY Rocky 2025 electric bike in use, showcasing its design and suitability for outdoor adventures.

2. Safety Information

Your safety is paramount. Always adhere to the following guidelines:

- **Wear a Helmet:** Always wear an approved bicycle helmet that fits properly.
- **Obey Traffic Laws:** Follow all local traffic laws, signs, and regulations.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires (pressure and condition), battery charge, and ensure all quick

releases are secure.

- **Visibility:** Use the integrated headlight and brake warning taillight, especially during low light conditions. Consider wearing reflective clothing.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in severe weather.
- **Weight Limit:** Do not exceed the maximum weight capacity of 300 lbs.

3. Setup and Assembly

While your FREESKY Rocky 2025 comes mostly pre-assembled, some final assembly steps are required. It is highly recommended to have the bike professionally assembled and inspected by a qualified bicycle mechanic.

3.1 Unboxing and Initial Inspection

Carefully remove the bike and all components from the packaging. Inspect for any shipping damage. Report any damage immediately to your retailer.

3.2 Handlebar Installation

Attach the handlebar to the stem, ensuring it is centered and the bolts are tightened securely to the manufacturer's specifications. Ensure all cables are routed correctly and not pinched.

3.3 Pedal Attachment

Identify the left (L) and right (R) pedals. Apply a small amount of grease to the pedal threads. Screw the right pedal clockwise and the left pedal counter-clockwise into the crank arms. Tighten firmly with a pedal wrench.

3.4 Seat Post and Saddle Adjustment

Insert the seat post into the frame's seat tube. Adjust the saddle height so that your leg has a slight bend at the knee when the pedal is at its lowest point. Secure the quick-release lever firmly.

3.5 Tire Inflation

Inflate the 20x4 fat tires to the recommended pressure indicated on the tire sidewall. Proper tire pressure is crucial for ride comfort, efficiency, and safety.



Figure 2: The FREESKY Rocky 2025 electric bike, highlighting its robust frame, fat tires, and rear cargo rack, ready for assembly and use.

4. Operating Instructions

Your FREESKY Rocky 2025 offers multiple riding modes for versatility and enjoyment.

4.1 Powering On/Off and Display

To power on the bike, press and hold the power button on the handlebar control panel. The LCD display will illuminate, showing your speed, battery level, pedal assist level (PAS), and odometer. To power off, press and hold the power button again.

4.2 Pedal Assist System (PAS)

The PAS provides motor assistance as you pedal. Use the '+' and '-' buttons on the control panel to adjust the level of assistance (typically 1-5 levels). Higher levels provide more motor power and less effort from the rider.

4.3 Throttle Operation

The twist throttle allows you to engage the motor without pedaling. Gently twist the throttle grip towards you to accelerate. Release the throttle to disengage the motor. Use the throttle responsibly and be aware of your surroundings.

4.4 Shifting Gears

Your bike is equipped with a multi-speed gear system. Use the gear shifter on the handlebar to change gears according to terrain and desired pedaling effort. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.

4.5 Braking System

The FREESKY Rocky 2025 features dual-piston hydraulic brakes with 180mm rotors for reliable stopping power. Apply both brake levers simultaneously for effective and controlled braking. The brake levers also cut off motor power when engaged for added safety.

4.6 Headlight and Taillight

Press the light button on the control panel to turn the 800 Lumen headlight and brake warning taillight on or off. Always use lights when riding in low visibility conditions.



Figure 3: Rider enjoying the FREESKY Rocky 2025, illustrating the bike's ergonomic design and ease of use.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your e-bike.

- **Battery Care:**
  - Charge the battery fully before the first use.
  - Do not fully discharge the battery. Recharge after each ride.
  - Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
  - If storing for extended periods, charge the battery to 50-70% every 2-3 months.
- **Tires:** Check tire pressure before each ride and inflate to the recommended PSI. Inspect for wear, cuts, or punctures.
- **Brakes:** Regularly check brake pads for wear and brake levers for proper function. Ensure brake rotors are clean and free of oil.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth shifting.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are tight and secure.
- **Cleaning:** Clean your bike with a damp cloth and mild soap. Avoid high-pressure washers directly on electrical components.

6. Troubleshooting

Here are some common issues and their potential solutions:

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 connection.
Motor not assisting.	PAS level set to 0, brake levers engaged, or loose motor cable.	Increase PAS level. Release brake levers. Check motor cable connections.

Problem	Possible Cause	Solution
Brakes feel weak or noisy.	Worn brake pads, contaminated rotors, or air in hydraulic lines.	Inspect and replace brake pads if worn. Clean rotors. If hydraulic, professional service may be needed.
Gears are not shifting smoothly.	Derailleur out of adjustment or dirty/dry chain.	Clean and lubricate chain. Adjust derailleur if necessary (consult a mechanic if unsure).

For issues not listed or if solutions do not resolve the problem, please contact FREESKY customer support.

7. Product Specifications

Model: FREESKY Rocky 2025

Motor: 1200W Brushless Motor (1800W Peak)

Battery: 48V 20/25Ah Samsung Battery Cell

Range: 90-105 miles (depending on assist level, terrain, and rider weight)

Max Speed: 28+ MPH

Tires: 20x4 Fat Tires

Suspension: Full Suspension (Lockable Hydraulic Front Forks, Dual Spring Rear Shock)

Brakes: Dual-Piston Hydraulic Disc Brakes with 180mm Rotors

Headlight: 800 Lumen Bright Headlight

Taillight: Brake Warning Taillight

Frame: Step-Through Aluminum Integrated Frame

Weight Capacity: 300 lbs

8. Warranty and Support

FREESKY is committed to providing high-quality products and excellent customer service. For detailed warranty information, please refer to the warranty card included with your purchase or visit the official FREESKY website.

Customer Support:

If you have any questions, require technical assistance, or need to report an issue, please contact our support team:

Text/Video Support: 5622056378

Email Support: support@freeskycycle.com

Operating Hours: Monday to Saturday, PST 10:00 am - 11:00 pm

Online Community: Join our community for tips and discussions: Facebook Group



Figure 4: FREESKY Customer Support details for assistance and community engagement.

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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