FREESKY Alaska Pro 2025

FREESKY Alaska Pro 2025 Dual Battery Electric Bike Instruction Manual

Model: Alaska Pro 2025 | Brand: FREESKY

1. Important Safety Information

Please read this entire manual carefully before operating your FREESKY Alaska Pro 2025 electric bike. Failure to follow instructions and safety guidelines may result in serious injury or property damage.

General Safety Precautions:

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are properly assembled and tightened before each ride.
- Check tire pressure, brakes, and battery charge level before use.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice) unless the bike is specifically designed and rated for such conditions. The Alaska Pro 2025 is IP65 waterproof, suitable for various weather, but extreme conditions should be approached with caution.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Familiarize yourself with the bike's controls and features in a safe, open area before riding in traffic.

Battery Safety:

- Use only the charger provided by FREESKY.
- Do not expose the battery to extreme temperatures or direct sunlight for extended periods.
- Do not puncture, drop, or disassemble the battery.
- Charge the battery in a well-ventilated area, away from flammable materials.
- If the battery is damaged or leaking, contact customer support immediately.

2. Package Contents & Initial Inspection

Upon receiving your FREESKY Alaska Pro 2025, carefully unbox and inspect all components. Ensure all items listed below are

present and undamaged.

Your browser does not support the video tag.

Video: This video demonstrates the unboxing and initial assembly steps for the FREESKY Alaska Pro 2025 electric bike, including unpacking components and preparing for assembly.

Included Components:

- FREESKY Alaska Pro 2025 Electric Bike (partially assembled)
- User Manual
- 3A Fast Charger
- Fixed Rolling Strap (x4)
- T25 Spanner
- Front Wheel Quick Release Lever
- Tool Kit Bag
- Open End Spanner (x3)
- Headlight Mounting Screw
- Spanner Set (with 7 models)
- Pedals (x2)
- Keys for battery removal

3. Setup & Assembly

Follow these steps to assemble your FREESKY Alaska Pro 2025 electric bike. Refer to the provided video for visual guidance.

3.1 Handlebar Installation and Positioning

Use the 4mm hexagonal screw wrench from your tool kit to loosen the bolts on the stem. Insert the handlebar into the stem, aligning the dotted lines on both sides. Tighten the screws evenly with the same wrench.

3.2 Front Wheel Installation

Remove the protective iron bar from the front fork using a #13 open-end spanner. Carefully remove the protective pad from the brake caliper. Install the front wheel, ensuring the brake rotor is correctly seated within the caliper. Secure the wheel using the quick release lever, making sure it is tightened firmly.

3.3 Saddle Adjustment

Open the seat clamp. Adjust the seat post to your desired height, ensuring it is above the minimum insertion line. Tighten the bolts securely and retract the seat clamp.

3.4 Pedal Installation

Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Use the 15mm open-end spanner to securely tighten both pedals.

3.5 Headlight and Fender Installation

Attach the front headlight to the designated mounting point on the front fork using the provided screws and a 5mm hexagonal screw wrench. Ensure it is securely fastened. Install the front and rear fenders if included, following the instructions in the assembly video.

4. Operating Instructions

Familiarize yourself with the controls and functions of your FREESKY Alaska Pro 2025 for an optimal riding experience.

Your browser does not support the video tag.

Video: This video demonstrates how to test the bike's functions, including powering on, adjusting speed levels, and using the throttle and cruise control.

4.1 Powering On/Off

- **To Power On:** Insert the key into the battery lock and push up the button to remove the battery. Turn on the bottom battery switch and press the top button to confirm the light is on. Reinsert the battery. Hold the power button on the handlebar for 3 seconds to turn on the display. Enter code 1212 or use an NFC card to unlock the display.
- **To Power Off:** Long press or short press the power button on the main card display to turn off. Alternatively, long press on the secondary card, wait for the screen to recognize '01', then short press to turn off the display.

4.2 Headlight and Horn

- **Headlight:** Press the headlight button on the handlebar controls to turn the front LED headlight on or off.
- **Horn:** Press the horn button on the handlebar controls to activate the horn.

4.3 Pedal Assist System (PAS) Levels

The bike features 5 levels of pedal assist. Use the "+" button to increase PAS levels and the "-" button to decrease them. Higher PAS levels provide more motor assistance.

4.4 Throttle & Cruise Control

- **Thumb Throttle:** Hold the thumb throttle to engage motor power without pedaling. The speed increases as you press down.
- **Cruise Control:** Hold the thumb throttle for approximately 10 seconds until the cruise control sign appears on the display. Release the throttle to enter cruise mode. To cancel cruise control, either squeeze the brakes or press the "-" button.

4.5 Shifting Gears

The FREESKY Alaska Pro 2025 is equipped with a professional SHIMANO 7-speed shift gear system. Use the shifter while riding to change gears. Do not adjust the shifter when the ebike is stopped to prevent damage to the gear system.

4.6 Charging

You can charge the battery directly on the bike or remove it for charging. Connect the charger to a power outlet and then to the bike's charging port or the removed battery. A red light on the charger indicates charging, and a green light indicates a full charge.



Image: The LCD Color Digital Display provides real-time metrics, adjustable parameters, and various trip-tracking options. It also features a USB Type-C port for charging your phone.

5. Features & Components Overview

The FREESKY Alaska Pro 2025 is engineered for performance, durability, and comfort across various terrains.

Your browser does not support the video tag.

Video: This video provides an overview of the Alaska Dual Battery Ebike, showcasing its design and key features.

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Video: A 30-second preview highlighting the Alaska Electric Bike's capabilities and design.

5.1 Motor & Battery System

- **Motor:** Peak 3000W brushless motor with 160Nm torque, capable of reaching 40MPH (pedal assist) and 20MPH (throttle only).

- **Dual Battery:** High-capacity 48V 41Ah (2000Wh) dual removable battery system (18Ah + 23Ah) for a range of 90-160+ miles per charge. UL 2271 certified by TÜV SÜD.



Image: The FREESKY Alaska Pro 2025 features a dual battery system, providing an extended range of 90-160+ miles on a single charge.

5.2 Suspension & Braking

- **Full Suspension:** Lockable and adjustable front hydraulic downhill fork and rear shock absorption system for superior comfort and control on rough terrain.
- **Hydraulic Disc Brakes:** 4-Piston hydraulic disc brakes on both front and rear wheels ensure reliable stopping power in all conditions.



Image: The full suspension system of the FREESKY Alaska Pro 2025 significantly reduces bumps for a smoother ride.



Image: The Night Armor System includes 180mm dual hydraulic brakes and 800LM signal lights for enhanced safety.

5.3 Display & Lighting

- **LCD Display:** Advanced LCD intelligent display provides real-time metrics, adjustable parameters, and various trip-tracking options.
- **Headlight:** Bright 800-lumen LED headlight for safe night riding.
- **Tail Light:** Integrated brake and tail light for visibility.

5.4 Tires & Frame

- **Fat Tires:** Non-slippery 26"x4.0" fat tires provide excellent traction on snow, sand, trails, and city streets.
- **Frame:** High-quality aluminum 6061 alloy frame, sturdy and durable, designed for a maximum load capacity of 300 lbs.



Image: The 26"x4.0" fat tires provide excellent grip and stability for all-terrain riding.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your FREESKY Alaska Pro 2025.

- **Tire Pressure:** Check tire pressure before each ride and maintain it within the recommended range (typically indicated on the tire sidewall).
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers are responsive. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent rust.
- **Fasteners:** Periodically check all bolts and screws for tightness, especially on the handlebars, seat post, and wheels.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% and recharge every 2-3 months.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not inserted correctly, battery switch off, low battery charge, display not activated.	Ensure battery is fully inserted and locked. Turn on battery switch. Charge battery. Activate display using power button or NFC card.
Motor not assisting	PAS level is 0, throttle not engaged, brake levers engaged, motor error.	Increase PAS level. Ensure throttle is pressed. Release brake levers. Check display for error codes and consult manual or support.
Brakes feel weak	Worn brake pads, air in hydraulic system, misaligned caliper.	Inspect and replace brake pads if worn. Bleed hydraulic system (professional service recommended). Adjust brake caliper alignment.
Gears not shifting smoothly	Dirty chain, bent derailleur, loose shifter cable.	Clean and lubricate chain. Inspect derailleur for damage (professional service recommended). Adjust shifter cable tension.
Unusual noises during ride	Loose components, rubbing brakes, chain issues.	Check all fasteners. Inspect brake pads and rotors for rubbing. Check chain for proper tension and lubrication.

8. Specifications

Detailed technical specifications for the FREESKY Alaska Pro 2025 electric bike.

Feature	Specification
Bike Type	Electric Bike
Model Name	Alaska Pro 2025
Brand	FREESKY
Motor Wattage	3000 watts (Peak)
Battery Capacity	48V 41Ah (2000 Watt Hours) Dual Battery
Max Range	90-160+ miles (depending on conditions)
Top Speed	40MPH (pedal assist) / 20MPH (throttle)
Wheel Size	26 Inches
Tire Type	26"x4.0" Fat Tires
Frame Material	Aluminum 6061 Alloy
Suspension Type	Dual (Front Hydraulic Downhill Fork & Rear Shock)
Brake Style	Hydraulic Disc Brakes (4-Piston)
Number of Speeds	7 (SHIMANO 7-speed shift gear)

Feature	Specification
Headlight	800-lumen LED
Waterproof Rating	IP65
Maximum Weight Recommendation	300 Pounds
Certifications	UL 2849 Certified by TÜV SÜD

9. Warranty & Support

FREESKY provides a professional warranty on every electric bike. For specific warranty details, please refer to the warranty policy available on the FREESKY website or contact customer support.
If you encounter any issues or have questions not covered in this manual, please contact FREESKY customer support for assistance. Keep your purchase receipt and serial number handy for faster service.

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