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FREESKY WILD CAT PRO

FREESKY WILD CAT PRO Electric Bike User Manual

Model: WILD CAT PRO | Brand: FREESKY

INTRODUCTION

Welcome to the FREESKY WILD CAT PRO Electric Bike user manual. This guide provides essential information for the safe and effective operation, setup, and maintenance of your new electric bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



The FREESKY WILD CAT PRO Electric Bike, designed for versatile terrain and comfortable riding.

SAFETY INFORMATION

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and wear appropriate safety gear, including a helmet. Regular maintenance is crucial for safe operation.

- Always wear a certified helmet.
- Familiarize yourself with local e-bike regulations.
- Perform pre-ride checks: brakes, tire pressure, battery level, and quick releases.
- Be aware of your surroundings and ride defensively.
- Avoid riding in extreme weather conditions.
- Ensure proper lighting for night riding.

PACKAGE CONTENTS

Upon unboxing, please verify that all components are present:

- FREESKY WILD CAT PRO Electric Bike (85% pre-assembled)
- 48V 20AH Removable Battery
- 3A Charger
- User Manual

- Assembly Tools (as pictured)
- Rear Cargo Rack
- Full Mud Guards
- (Optional) Chain and Helmet (if included with purchase)



The FREESKY Electric Bike arrives 85% pre-assembled, with included tools for quick setup.

SETUP

The FREESKY WILD CAT PRO is 85% pre-assembled, allowing for quick installation in 15-30 minutes. Refer to the included instruction video on our official page for detailed guidance.

Initial Battery Activation

1. Take out the battery from the frame.
2. Press the switch button on the battery to activate it.
3. Insert the battery back into the frame.
4. Turn on the bike using the built-in color LCD display.



Steps for initial battery activation and turning on the bike.

OPERATING INSTRUCTIONS

Motor and Performance

The bike is equipped with a 1000W (Peak 1600W) brushless motor, providing strong power for daily commuting and trail riding. It offers 120NM climbing power, capable of conquering inclines up to 40 degrees.

Battery and Range

Features a 48V 20AH waterproof battery, offering a maximum range of 45-90 miles depending on riding conditions, terrain, and rider weight. The battery charges in 4-6 hours and supports over 1000+ charge cycles. It has a built-in design for enhanced safety and fire protection.

SAY GOODBYE TO RANGE ANXIETY

3A Fast Charging full charging 4-6 Hours

- 60-105 Miles Assist Range
- MBS Overcharge Protection
- 35-60 Miles Electric Range
- 18 months After-sales support

Separate Charging

On-board Charging

Wildcat Charger

Normal Charger

TÜV SÜD

UL 2271 Battery certified by TÜV SÜD

Report Reference: No.U10 128702 0001 Rev.00 Battery Model: FP4830RO

Information on battery charging methods and estimated range.

WILDCAT

OTHERS

TÜV SÜD

UL 2271 Battery certified by TÜV SÜD

Report Reference: No.U10 128702 0001 Rev.00 Battery Model: FP4830RO

- ANTI IMPACT
- INCREASE SERVICE LIFE
- WATERPROOF AND DUSTPROOF
- REDUCE THEFT
- REDUCE SHORT CIRCUIT
- Easily damaged
- Unelegant
- Easily short-circuited
- Easily stolen

Comparison highlighting the anti-impact, increased service life, reduced theft, and waterproof features of the FREESKY battery.

Riding Modes and Pedal Assist

The bike offers 5 riding modes:

- **Pure Electric Mode:** Top speed up to 20 MPH, range 35-60 miles.
- **Pedal Assist Mode (PAS):** 5 levels of assistance, top speed up to 32+ MPH, range 60-90 miles.
- **Pure Pedal Mode:** Traditional cycling without electric assistance.
- **Cruising Mode:** Maintains a set speed without continuous throttle or pedaling.
- **Manual Mode:** Similar to Pure Pedal, but may imply more direct control over gears.

The professional Shimano 7-speed transmission system assists in handling various terrains.



Pedal-assist mode offers up to 35 MPH and a max range of 105 miles with 120N-m torque.



Enjoy the scenery with the convenient auto cruise mode.



Walking mode allows the bike to assist you while walking alongside it.

Braking System

Equipped with a double 4-piston 180mm hydraulic disc brake system for reliable stopping power. The motor automatically powers off when the brake levers are engaged.



The advanced 4-piston hydraulic disc brake system ensures superior safety and control.

Tires and Terrain

The 26*4 inch wear-resistant CST oil tires are designed to conquer various terrains, including city roads, snow, sand, gravel, and mountains.



The 26" x 4" fat tires provide excellent traction and stability on diverse surfaces.

Additional Features

- Built-in color LCD display for essential ride data.
- Hydraulic suspension fork for a comfortable ride on bumpy roads.
- 700 LUMENS high brightness headlight and brake light for safe night riding.
- Sturdy rear cargo rack for carrying essentials.
- Adjustable body and comfortable saddle for rider comfort.
- Step-through frame design for easy mounting and dismounting.



Features like the 700 LUMENS headlight, warning taillight, and built-in horn ensure safety during night rides.



The step-through frame design accommodates riders from 5'4" to 6'8" for easy access.

5'4" to 6'8"
Recommended Height

83 LBS
Electric Bike

300LBS
Load Capacity

SPECIFICATIONS

A Seat Max Height	39"
B Seat Min Height	32"
C Wheelbase	49.6"
D Total Length	83.6"
E Reach	19.6"
F Total Height	44.4"
G Wheel Diameter	28.7"
H Standover Height	29.5"

The center suspension, adjustable lock, and hydraulic front suspension contribute to a comfortable riding experience.



The bike includes an aluminum rear cargo rack, suitable for carriers, rear baskets, or cargo bags, with a maximum load-bearing capacity of 300 lbs.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your FREESKY electric bike.

- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Avoid fully discharging the battery. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Ensure brake levers provide firm and responsive braking.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Check:** Periodically check all bolts and fasteners for tightness.

TROUBLESHOOTING

This section covers common issues and their potential solutions.

Problem	Possible Cause	Solution
Bike not turning on	Battery not activated or low charge; loose connections.	Ensure battery is activated and charged. Check all cable connections.
Motor not assisting	PAS level too low; brake levers engaged; motor connection issue.	Increase PAS level. Release brake levers. Check motor cable.
Reduced range	Low tire pressure; heavy load; frequent use of high assist levels; cold weather.	Inflate tires to recommended PSI. Reduce load. Use lower assist levels. Battery performance may decrease in cold.

Problem	Possible Cause	Solution
Brakes feel weak	Worn brake pads; air in hydraulic system; misaligned calipers.	Inspect and replace brake pads. Consult a professional for hydraulic system bleeding or caliper adjustment.

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

SPECIFICATIONS

Feature	Detail
Bike Type	City Bike
Age Range	Adult
Motor	1000W (Peak 1600W) Brushless Motor
Battery	48V 20AH Removable, Waterproof (Samsung Cells)
Max Speed (Pedal Assist)	Up to 32+ MPH (51.5 KMHZ)
Max Speed (Pure Electric)	Up to 20 MPH (32.2 KMHZ)
Max Range	45-90 miles (depending on mode/conditions)
Charging Time	4-6 hours
Frame Material	Aluminum 6061 Alloy (Step-Thru Design)
Suspension Type	Dual (High-strength front and rear suspension fork)
Brake Style	Double 4-piston 180mm Hydraulic Disc Brake System
Tires	26*4 inch Wear-resistant CST Oil Tires
Number of Speeds	7 (Shimano Transmission System)
Headlight	700 LUMENS High Brightness LED
Load Capacity	300 LBS
Recommended Height	5'4" to 6'8"
Bike Weight	83 LBS



Detailed dimensions and key specifications of the FREESKY Electric Bike.

WARRANTY AND SUPPORT

FREESKY provides comprehensive after-sales service for your electric bike:

- **Engine & Batteries:** 18 months warranty.
- **Charger & Controller:** 12 months warranty.
- **Technical Support:** Lifetime technical support for your e-bike.

If you have any questions or require assistance, please contact the FREESKY customer service team. They are always available to help you.