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ESKUTE M200

ESKUTE M200 Electric Mountain Bike User Manual

Model: M200 | Brand: ESKUTE

1. INTRODUCTION

Welcome to the ESKUTE M200 Electric Mountain Bike user manual. This guide provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read this manual thoroughly before your first ride and keep it for future reference.

Safety Warnings

- Always wear a helmet when riding.
- Perform a pre-ride safety check before each use.
- Familiarize yourself with local e-bike regulations.
- Do not ride under the influence of alcohol or drugs.
- Ensure all components are securely fastened before riding.

Your browser does not support the video tag.

Video: An overview of the ESKUTE M200 Electric Bike, showcasing its features and riding capabilities.

2. PACKAGE CONTENTS

Your ESKUTE M200 Electric Mountain Bike package includes the following items:

- ESKUTE M200 E-Bike (partially assembled)
- Front Wheel
- Seat and Seat Post
- Pedals (Left and Right)
- Battery Charger
- Tool Kit (multi-tool, wrench)
- User Manual (this document)
- NFC Card (for unlocking)
- Front Headlight
- Fenders (if included with specific model)
- Rear Rack (if included with specific model)

Smooth 21-Speed Gear System



21-Speed vs 7-Speed



Less Effort, More Efficiency

our

others



Better for Uphill & Downhill

our

others

Image: All components of the ESKUTE M200 Electric Bike laid out on a white background, including the main frame, front wheel, seat, pedals, charger, and tools.

3. SETUP AND ASSEMBLY

The ESKUTE M200 E-Bike arrives 90% pre-assembled. Follow these steps to complete the assembly:

Your browser does not support the video tag.

Video: A detailed unboxing and assembly guide for the ESKUTE M200 electric bike, showing how to remove the bike from its packaging and prepare it for assembly.

3.1 Handlebar Installation

1. Remove the preservative screen and tighten the screws on the stem. Replace the anticorrosive sieve.
2. Use the provided tool to remove the screws from the handlebar clamp and position the handlebar correctly.
3. Tighten the screws to secure the handlebar. Ensure the handlebars are centered and aligned with the front wheel.



Image: Illustration showing the adjustable stem feature of the ESKUTE M200, allowing for up to 45-degree adjustment for customized riding posture and comfort.

3.2 Front Wheel Installation

1. Remove the screws and plastic protective cover from the front fork.
2. Carefully place the front wheel into the front fork, ensuring the brake rotor aligns with the caliper.

3. Tighten the screws with the appropriate tool to secure the front wheel.

3.3 Headlight Installation

1. Attach the headlight to the designated mounting point on the front fork.
2. Insert the screws and fix the rear nail cap.
3. Tighten the screws to secure the headlight.

3.4 Seat Installation

1. Insert the seat post into the frame's seat tube.
2. Adjust the seat height to a comfortable position and secure it by tightening the quick-release lever or fixing bolts.
3. (Optional) Place the provided seat cover over the seat for added comfort.

3.5 Pedal Installation

Identify the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise.

1. Carefully thread each pedal into its corresponding crank arm.
2. Tighten the pedals firmly with a wrench.

3.6 Battery Installation

The battery is typically pre-installed or needs to be inserted into the frame. Ensure it is securely locked in place using the provided key.

Peak 1200W Brushless Motor

More Power. More Fun, Faster Acceleration

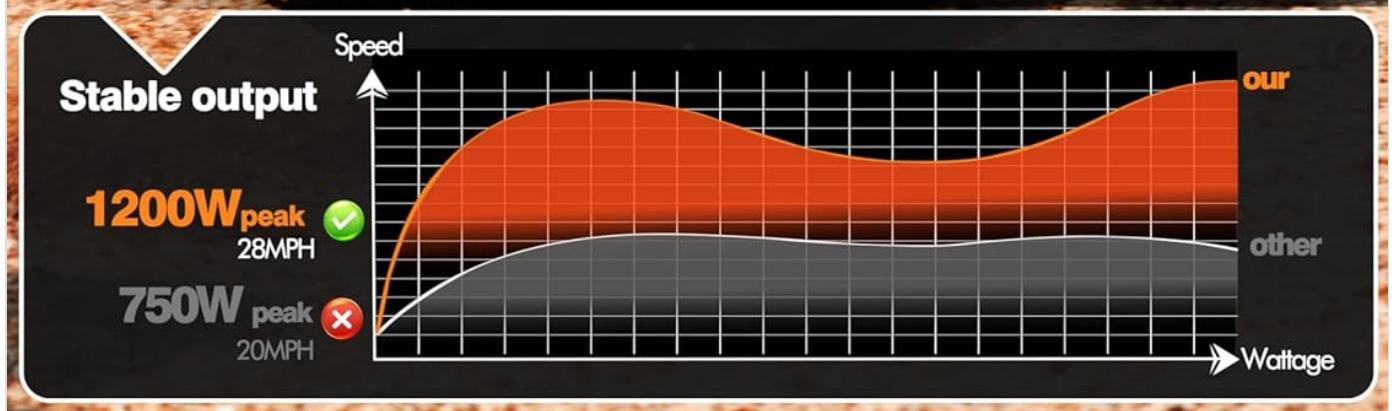


Image: Close-up of the ESKUTE M200 electric bike's frame, highlighting the removable 48V 10.4Ah battery with its lock and key mechanism.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the bike, press and hold the power button on the display. Repeat to power off.

4.2 Riding Modes

The ESKUTE M200 offers 4 versatile riding modes:

- **Manual Mode:** Ride like a traditional bicycle.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust assistance levels using the display controls.
- **Throttle-Only Mode:** Use the throttle for power without pedaling.
- **Walk Mode:** Provides low-speed assistance for walking the bike.



Image: Visual representation of the four riding modes: Electric Mode, Pedal-Assist Mode, Pedal-Only Mode, and Walk Boost Mode, illustrating the versatility of the ESKUTE M200.

4.3 Gear Shifting (21-Speed Shimano)

Use the Shimano gear shifters on the handlebars to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or descents.

Ready for Night Rides, Rough Roads

LED Headlight

Dual Front Suspensions

bumpiness

Suspension No Suspension

27.5x2.1"

All-Terrain Tires

gravel road

Snow

Soil

City road

Image: Close-up of the ESKUTE M200 electric bike's drivetrain, highlighting the 21-speed Shimano gear system for versatile riding.

4.4 NFC Unlock

The bike features an NFC smart card unlock system. Tap your NFC card to the designated area on the display to unlock and start your ride without a password.

Size Chart 50° Range. Total Comfort



5'3"-6'3"
Suggested height



330LBS
Maximum load



52LBS
Bicycle Weight

43.3"

3.5"

70.0"

33"

41.1"

27.5"

Image: A hand holding an NFC card near the bike's display, demonstrating the NFC unlock feature for keyless access.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ESKUTE M200 E-Bike.

- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads and rotors for wear. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts and screws for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing 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 installed. Loose connections.	Ensure battery is fully charged and securely locked. Check all electrical connections.
Motor not assisting	PAS level set to 0. Loose motor cable. Brake levers engaged.	Increase PAS level. Check motor cable connection. Ensure brake levers are not squeezed.
Brakes feel weak	Worn brake pads. Loose brake cable. Air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. Consult a professional for hydraulic brakes.
Gears are not shifting smoothly	Derailleur out of adjustment. Dirty or rusty chain.	Adjust derailleur. Clean and lubricate the chain.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike, Mountain Bike
Motor	1200W Peak Brushless Motor
Top Speed	Up to 28 MPH
Battery	48V 10.4Ah (or 13Ah variant) Removable Lithium Battery, TUV Certified
Range	Up to 55 miles (Pedal-Assist), 40 miles (Throttle-only)
Charging Time	Approximately 4 hours
Gear System	21-Speed Shimano
Wheel Size	27.5 Inches
Tires	27.5" x 2.1" All-Terrain Tires
Suspension	Dual Front Suspension
Brake Style	Dual Disc Brake

Feature	Detail
Frame Material	Carbon Steel
Special Features	Adjustable Handlebars, Adjustable Seat, Headlight, NFC Unlock
Max Load Capacity	330 lbs
Bicycle Weight	52 lbs

8. WARRANTY AND SUPPORT

Your ESKUTE M200 Electric Mountain Bike comes with a 12-month limited warranty. For any questions, technical support, or warranty claims, please contact ESKUTE customer service.

- **Pre-sales Support:** 1 888 886-2818
- **After-sales Support:** 1 240 332-0549
- **Email:** support.us@eskute.com
- **Operating Hours:** Mon-Fri, 9:00am-6:00pm EST

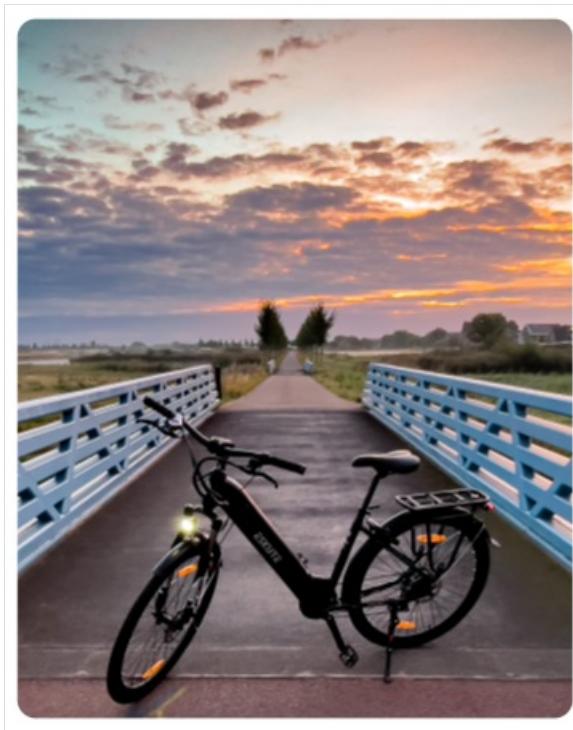


Image: ESKUTE customer support details, including phone numbers for pre-sales and after-sales, and an email address.