

## ESKUTE M200

# ESKUTE M200 Electric Mountain Bike User Manual

Model: M200P

Brand: ESKUTE

## 1. SAFETY INFORMATION

Read this manual thoroughly before operating your ESKUTE M200 Electric Mountain Bike. Failure to follow instructions and safety guidelines may result in serious injury or damage to the product.

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are securely fastened before each ride.
- Familiarize yourself with local electric bike regulations and traffic laws.
- Do not ride under the influence of alcohol or drugs.
- Regularly inspect brakes, tires, and battery for proper function.
- The bike features dual suspension and 27.5" x 2.1" tires for stable handling, but always exercise caution on rough terrain.
- Use the bright front headlight and rear reflector for visibility, especially during low-light conditions.

## 2. PRODUCT OVERVIEW

The ESKUTE M200 Electric Mountain Bike is designed for adults, offering a blend of power and versatility for both urban commuting and off-road adventures. Key features include:

- **Motor:** 1200W Peak Brushless Motor, providing speeds up to 28 MPH.
- **Battery:** Removable 48V 13Ah UL-certified lithium battery, offering up to 65 miles range (PAS 1).
- **Gears:** 21-Speed Shimano Gear System for precise shifting.
- **Riding Modes:** Manual, Pedal-Assist, Throttle-only, and Walk Mode.
- **Safety Features:** Dual suspension, 27.5" x 2.1" tires, bright headlight, rear reflector, and NFC card unlock.



Figure 2.1: ESKUTE M200 Electric Mountain Bike (Purple variant shown).

### 3. SETUP AND ASSEMBLY

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Your ESKUTE M200 bike arrives approximately 90% pre-assembled. Follow these steps for final assembly. Tools are included with your purchase.

#### 3.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present before proceeding.

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Video 3.1: Official Unboxing and Assembly Guide for the ESKUTE M200 Electric Mountain Bike.

#### 3.2 Handlebar Installation

1. Loosen the bolts on the handlebar stem using the provided Allen wrench.
2. Insert the handlebar into the stem, ensuring it is centered and aligned.
3. Tighten the stem bolts securely.

#### 3.3 Front Wheel Attachment

1. Remove the protective cap from the front fork.

2. Align the front wheel with the fork dropouts, ensuring the brake rotor slides correctly into the brake caliper.
3. Insert the axle bolt and tighten the nuts on both sides using the wrench.

### **3.4 Headlight Installation**

1. Attach the headlight bracket to the designated mounting point on the front fork.
2. Secure the headlight to the bracket and connect the power cable.

### **3.5 Kickstand Installation**

1. Attach the kickstand to the mounting plate near the rear wheel.
2. Securely tighten the bolts.

### **3.6 Seat Post Adjustment**

1. Insert the seat post into the frame's seat tube.
2. Adjust the seat height to a comfortable riding position, ensuring your feet can touch the ground when stopped.
3. Secure the quick-release lever or bolt.

### **3.7 Pedal Installation**

1. Identify the "L" (left) and "R" (right) pedals.
2. Thread the "L" pedal counter-clockwise into the left crank arm.
3. Thread the "R" pedal clockwise into the right crank arm.
4. Tighten both pedals securely with a wrench.

### **3.8 Battery Installation and Charging**

1. Insert the removable battery into its housing on the bike frame.
2. Lock the battery using the provided key for security.
3. Connect the charger to the battery charging port and a power outlet. The indicator light on the charger will show charging status (typically red for charging, green for fully charged).
4. A full charge takes approximately 4 hours.



Figure 3.1: Removable 48V 13Ah UL-certified lithium battery.

## 4. OPERATING INSTRUCTIONS

The ESKUTE M200 offers multiple riding modes and smart features for a customized experience.

### 4.1 Powering On/Off and Display

1. To power on the bike, press and hold the power button on the handlebar display.
2. The LCD display will show speed, battery level, mileage, and current assist mode.



3. To power off, press and hold the power button again.

## 4.2 Riding Modes

Select your preferred riding mode using the controls on the handlebar:

- **Manual Mode:** Ride as a traditional bicycle without motor assistance.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level (typically 1-5) using the '+' and '-' buttons on the display. Higher levels provide more power.
- **Throttle-Only Mode:** Engage the throttle for motor power without pedaling.
- **Walk Mode:** Provides low-speed assistance for walking the bike, useful when pushing it uphill.



Figure 4.1: Illustration of the 1200W peak brushless motor.

### 4.3 Gear Shifting

The 21-speed Shimano gear system allows you to adapt to various terrains. Use the gear shifters on the handlebars to change gears smoothly. Shift to lower gears for climbing hills and higher gears for flat terrain or descents.



# Smooth 21-Speed Gear System



## 21-Speed vs 7-Speed

 Less Effort, More Efficiency

 Better for Uphill & Downhill

our

others

our

others

Figure 4.2: The 21-speed Shimano gear system for versatile riding.

#### 4.4 NFC Unlock System

The ESKUTE M200 features an NFC card unlock system for keyless operation. Simply tap the NFC card to the designated area on the display to unlock and activate the bike.



Figure 4.3: Using the NFC card for smart access and unlocking.

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Video 4.1: Overview of the ESKUTE M200 Electric Mountain Bike in action.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ESKUTE M200 Electric Mountain Bike.



## 5.1 General Care

- Keep the bike clean. Wipe down the frame and components with a damp cloth. Avoid high-pressure washing directly on electrical components.
- Lubricate the chain regularly to ensure smooth operation and prevent rust.
- Check tire pressure before each ride. Recommended pressure is usually indicated on the tire sidewall.
- Inspect brake pads for wear and replace them when necessary.
- Ensure all bolts and fasteners are tight, especially on the handlebars, seat post, and wheels.

## 5.2 Battery Care

- Charge the battery fully after each ride, or at least once a month if not in use, to maintain battery health.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid completely draining the battery, as this can reduce its lifespan.
- The battery is waterproof (IP54 level), but avoid submerging it in water.

## 6. TROUBLESHOOTING

This section provides general guidance for common issues. For more complex problems, please contact customer support.

- **Bike not powering on:** Check if the battery is properly installed and charged. Ensure the power button on the display is pressed correctly.
- **Motor not assisting:** Verify that Pedal-Assist mode is activated and the assist level is not set to zero. Check battery charge.
- **Brakes squealing or not effective:** Inspect brake pads for wear. Ensure brake calipers are properly aligned and cables are tensioned correctly.
- **Gears not shifting smoothly:** The Shimano gear system may require adjustment. Consult a bike mechanic or refer to detailed gear adjustment guides.
- **NFC unlock not working:** Ensure the NFC card is correctly placed over the sensor. Check for any obstructions or damage to the card or sensor.

## 7. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike, Mountain Bike
Age Range	Adult
Brand	ESKUTE
Number of Speeds	21
Wheel Size	27.5 Inches
Frame Material	Carbon Steel
Suspension Type	Front (Dual Suspension)

Feature	Specification
Special Features	Adjustable Handlebars, Adjustable Seat, Dual Disc Brake, Dual Suspension, Headlight, NFC Unlock
Brake Style	Disc
Item Weight	52.1 Pounds
Model Name	M200P
Power Source	Electric
Motor Wattage	1200 watts (Peak)
Lithium Battery Energy Content	624 Watt Hours (48V 13Ah)
Assembly Required	Yes (90% pre-assembled)



Figure 7.1: ESKUTE M200 Size Chart and recommended rider dimensions.

## 8. WARRANTY INFORMATION

The ESKUTE M200 Electric Mountain Bike comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

The warranty does not cover:

- Normal wear and tear.



- Damage caused by improper assembly or maintenance.
- Damage due to accidents, misuse, neglect, or unauthorized modifications.
- Consumable parts such as tires, brake pads, and chains (unless defective at the time of purchase).

For detailed warranty terms and conditions, please refer to the official ESKUTE website or contact customer support.


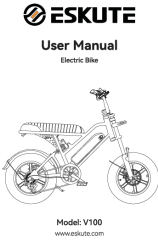


## 9. CUSTOMER SUPPORT

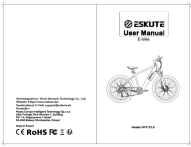
For any questions, technical assistance, or warranty claims, please contact ESKUTE customer support:

- **Email:** [support.us@eskute.com](mailto:support.us@eskute.com)
- **Pre-sales Phone:** 1-888-886-2818
- **After-sales Phone:** 1-240-332-0549
- **Operating Hours:** Monday - Friday, 9:00 AM - 6:00 PM EST

You can also visit the official ESKUTE store for more information and resources: [ESKUTE Store on Amazon](#)

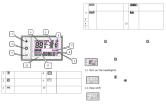
### Related Documents - M200

 <p>Model: M200 / M200Plus www.eskute.com</p>	<p><a href="#">ESKUTE M200/M200Plus Electric Bike User Manual</a></p> <p>Comprehensive user manual for the ESKUTE M200 and M200Plus electric bikes, covering assembly, safety, maintenance, charging, specifications, and troubleshooting.</p>
 <p>Model: V100 www.eskute.com</p>	<p><a href="#">ESKUTE V100 Electric Bike User Manual</a></p> <p>Comprehensive user manual for the ESKUTE V100 electric bike, covering assembly, safety, maintenance, specifications, and usage instructions.</p>
 <p>Model: Polluno Plus</p>	<p><a href="#">ESKUTE Polluno Plus E-Bike User Manual</a></p> <p>Comprehensive user manual for the ESKUTE Polluno Plus electric bike, covering safety instructions, specifications, display operation, battery and charging, installation, and maintenance.</p>
 <p>Model: Spark Y</p>	<p><a href="#">ESKUTE Spark Y Fat Tire E-Bike User Manual</a></p> <p>Comprehensive user manual for the ESKUTE Spark Y Fat Tire E-Bike, covering assembly, specifications, charging, maintenance, and warranty information.</p>



[ESKUTE E-BIKE User Manual](#)

Comprehensive user manual for the ESKUTE E-BIKE, model MYT-27.5. Includes safety instructions, operation details, battery and charging information, installation guides, and maintenance recommendations.



[LCD-S866 Bike Display User Guide - Eskute C100 Ebike](#)

Comprehensive user guide for the Eskute C100 Ebike's LCD-S866 display. Learn about functions, operations, and menu settings for optimal e-bike control and monitoring.