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ESKUTE V300

ESKUTE V300 Electric Bike User Manual

Model: V300

Introduction

Welcome to the ESKUTE V300 Electric Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bike. The ESKUTE V300 is designed for versatile riding, featuring a powerful 1500W motor, a 48V 20.8Ah battery, and 20"x4" fat tires for various terrains. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to local traffic laws and regulations. Perform pre-ride checks as outlined in this manual. Avoid riding under the influence of alcohol or drugs. Do not exceed the maximum load capacity of 360 lbs.

- Always wear a certified helmet.
- Check brakes, tires, and battery level before each ride.
- Be aware of your surroundings and ride defensively.
- Do not modify the bike's electrical system or components.
- Ensure all quick releases and fasteners are securely tightened.



Image: UL2849 certification for the ESKUTE V300 electric bike, indicating verified electrical safety standards.

Setup and Assembly

The ESKUTE V300 comes partially assembled. Follow these steps to complete the setup:

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebar to the stem. Ensure it is centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the brake rotor is correctly aligned with the caliper.
4. **Pedal Installation:** Attach the pedals. Note that pedals are typically marked 'L' for left and 'R' for right.
5. **Seat Adjustment:** Adjust the seat height for a comfortable and safe riding position.
6. **Battery Installation:** Insert the battery into its compartment and lock it securely.
7. **Pre-Ride Check:** Before your first ride, double-check all bolts, nuts, and quick releases. Ensure tires are inflated to the recommended pressure and brakes are functioning correctly.

Included Components: Battery, Charger, Charging Cable, Product Manual, Headlight, Rear brake light, Tool Kit.

Your browser does not support the video tag.

Video: Official ESKUTE V300 installation guide, demonstrating the assembly process for the electric bike.

Operating Instructions

Powering On/Off and NFC Unlock

To power on your ESKUTE V300, use the NFC keyless unlocking system. Simply tap your NFC smart card to the designated area on the display. The full-color LCD display will activate, showing real-time speed, battery level, riding mode, and distance. To power off, follow the instructions on the display or hold the power button.



Image: Close-up of the ESKUTE V300's full-color LCD display and NFC smart card for keyless unlocking.

Riding Modes

The ESKUTE V300 offers five riding modes for a versatile experience:

- **Pure Electric Mode:** Engages the motor for propulsion without pedaling.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, with adjustable levels of support.
- **Manual Pedal Mode:** Ride the bike like a traditional bicycle, without motor assistance.
- **Boost Mode:** Provides maximum motor power for quick acceleration or climbing steep inclines.
- **Cruise Mode:** Maintains a set speed without continuous throttle input.



Image: Visual representation of the five riding modes available on the ESKUTE V300 electric bike.

Gearing and Braking

The 7-speed transmission system allows you to adapt to various terrains and riding conditions. Use the gear shifter on the handlebar to change gears smoothly. The hydraulic rear brake provides responsive and reliable stopping power. Always apply both front and rear brakes simultaneously for controlled deceleration.



Image: Close-up of the ESKUTE V300's 7-speed gearing system, highlighting the rear cassette for terrain control.

Your browser does not support the video tag.

Video: Overview of the ESKUTE V300 electric bike, showcasing its features including speed and handling.

Maintenance

Regular maintenance ensures the longevity and safe operation of your ESKUTE V300 electric bike.

- **Battery Care:** Charge the 48V 20.8Ah battery regularly, especially after long rides. Avoid completely draining the battery. You can charge it directly on the bike or remove it for charging. Store the battery in a cool, dry place when not in use.
- **Tire Pressure:** Check tire pressure before each ride. The 20"x4" fat tires require specific pressure for optimal performance and comfort on different terrains. Refer to the tire sidewall for recommended pressure ranges.
- **Brake System:** Inspect brake pads for wear and ensure brake levers provide firm and consistent stopping power. Adjust or replace components as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **General Inspection:** Periodically check all fasteners, cables, and electrical connections for tightness and damage.
- **Cleaning:** Clean your bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.



Image: The ESKUTE V300's 48V 20.8Ah high-capacity battery, featuring BMS smart protection and IP54 waterproofing.

Troubleshooting

This section addresses common issues you might encounter with your ESKUTE V300 electric bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, NFC card not detected.	Charge the battery. Ensure the battery is fully inserted and locked. Re-tap the NFC card to the display.
Motor not assisting.	Pedal Assist System (PAS) level is zero, throttle not engaged, motor connection loose.	Increase PAS level on the display. Check throttle connection. Inspect motor cable connections.

Problem	Possible Cause	Solution
Brakes feel weak or spongy.	Worn brake pads, air in hydraulic system, misaligned caliper.	Inspect and replace brake pads if worn. Consult a professional for hydraulic brake bleeding or caliper alignment.
Unusual noises during operation.	Loose components, dry chain, rubbing parts.	Check all bolts and nuts. Lubricate the chain. Identify and adjust any rubbing components (e.g., fenders, cables).

If you encounter issues not listed here or cannot resolve a problem, please contact customer support.

Specifications

Feature	Detail
Bike Type	Electric Bike, Electric Dirt Bike, Fat Tire Electric Bike
Motor	1500W Peak Motor, 90N·m Torque
Top Speed	Up to 30+ MPH
Battery	48V 20.8Ah Removable Battery
Max Range	Up to 85 miles (Pedal Assist Mode)
Tires	20" × 4.0" Fat Tires
Gearing	7-Speed Transmission
Brakes	Hydraulic Rear Brake (Disc)
Suspension	Dual Suspension
Frame Material	High Carbon Steel
Special Features	NFC Keyless Unlock, Full-Color LCD Display, Integrated Lighting System
Recommended Height	5'2" - 6'4"
Bicycle Weight	78.26 lbs
Load Capacity	360 lbs



Image: Diagram showing key dimensions and rider suitability for the ESKUTE V300 electric bike.

Warranty

The ESKUTE V300 Electric Bike comes with a**1-Year Warranty**. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or contact customer support.

Support

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

Pre-sales: 1 888 886-2818

After-sales: 1 240 332-0549

Email: support.us@eskute.com

Operating Hours: Monday - Friday, 9:00 AM - 6:00 PM EST



Image: ESKUTE customer support details, including phone numbers and email address.

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