

EVERCROSS 8711551946144

EVERCROSS EK8S Electric Bicycle User Manual

Model: 8711551946144

1. INTRODUCTION

Welcome to the EVERCROSS EK8S Electric Bicycle User Manual. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference.

The EVERCROSS EK8S is a 26-inch electric bicycle designed for adults, featuring pedal assist, a 250W motor, and a 36V 12Ah battery. It offers a comfortable and efficient riding experience for daily commutes and mountain adventures.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to local traffic laws and regulations.

2.1 General Safety Guidelines

- Always wear a helmet that meets safety standards.
- Perform a pre-ride inspection before each use (brakes, tires, battery, lights).
- Ensure all components are securely fastened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice).

2.2 Zero-Start Function

The EK8S is equipped with a Zero-Start function for safety, preventing accidental motor activation. The electric motor will only engage once the bicycle reaches a speed of at least 3.75 MPH (6 KM/H) through pedaling. This feature ensures controlled acceleration and reduces the risk of sudden movements.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your EVERCROSS EK8S Electric Bicycle.



Overall View: The EVERCROSS EK8S electric bicycle in black, showcasing its full design including the frame, wheels, seat, handlebars, and rear rack.

EVERCROSS EK8S



36V 12AH
Battery



250W
Motor



15/20/25
KM/H



25.3KG
Net Weight



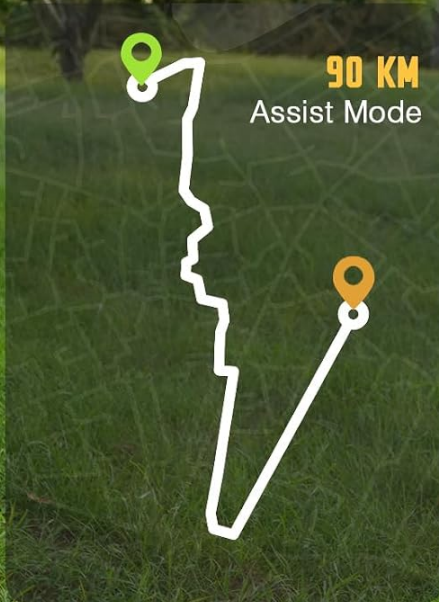
120KG
Max Load



Key Specifications: An image highlighting the main features of the EK8S, including the 36V 12Ah battery, 250W motor, speed range, net weight, and maximum load capacity.

RUN FURTHER WITH PEDAL ASSIST

36V 12AH battery can reach 30-90 km range in assist mode



*Max Speed/Range is affected by rider weight, road conditions, etc.

Pedal Assist Range: A visual representation showing the extended range of 30-90 km achievable in pedal assist mode with the 36V 12Ah battery.



Battery Level



Speed Switch



Riding Distance



Malfunction Mark

Power on/off

Dual disc brakes

LCD Display and Controls: A close-up of the handlebars, showing the LCD display with indicators for battery level, speed switch, riding distance, and malfunction marks, along with the dual disc brakes.

CONQUER ALL TERRAINS

26" * 2.35" MTB TYRE

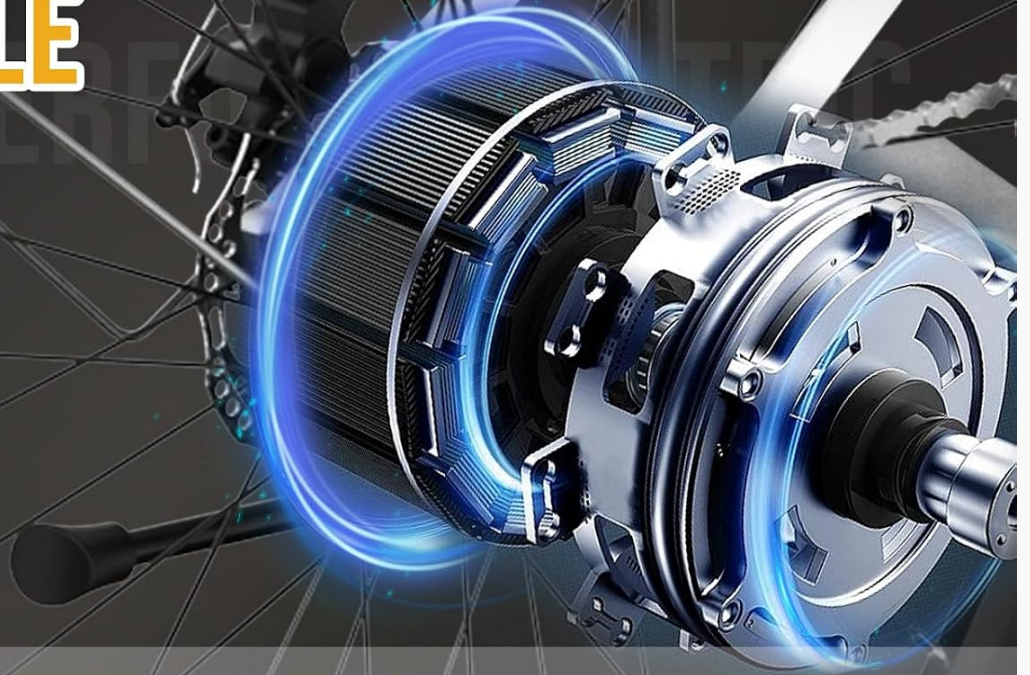


Steel Wire Design



Tire and Terrain Capability: An image emphasizing the 26" * 2.35" MTB tire with steel wire design, suitable for various terrains including paved roads, dirt paths, and grassy areas.

POWERFUL
EFFICIENT
STABLE



250 W

Hub Motor

25KM/H

Max Speed

25%

Max Slope

Powerful Hub Motor: A detailed view of the 250W hub motor, highlighting its power, maximum speed of 25 KM/H, and ability to handle up to a 25% slope.

FRONT & REAR DISC BRAKES

Avoid high temperature of brake pads, fast heat dissipation and sensitive braking



Front & Rear Disc Brakes: An illustration of the front and rear mechanical disc brakes, designed for reliable stopping power and efficient heat dissipation.

3.1 Included Components

The following items are included in your package:

- 1 x EVERCROSS EK8S Electric Bicycle
- 1 x Bicycle Lock
- 1 x Tire Inflator
- 1 x Battery Charger
- 1 x User Manual (this document)

4. SETUP AND ASSEMBLY

Your EVERCROSS EK8S electric bicycle requires some assembly before its first use. Please follow these steps carefully.

4.1 Unpacking

1. Carefully remove all components from the packaging.
2. Check the packing list to ensure all parts are present.
3. Remove all protective packaging materials.

4.2 Initial Assembly

While the bicycle comes partially assembled, some parts like the front wheel, handlebars, pedals, and seat may need to be attached. Refer to the included assembly guide for detailed instructions.

4.3 Battery Installation and Charging



Battery Handling: This image illustrates the process of removing and installing the battery, showing the key lock mechanism and the battery's position on the bicycle.

1. Locate the battery compartment, typically on the frame or rear rack.
2. Insert the 36V 12Ah lithium-ion battery securely. Ensure it clicks into place.
3. Before first use, fully charge the battery using the provided charger. A full charge takes approximately 5 hours.
4. Connect the charger to the battery charging port, then plug it into a standard power outlet.
5. The charger indicator light will change when charging is complete.

4.4 Adjusting Handlebar and Seat Height



Adjustable Dimensions: This diagram shows the adjustable range for the handlebar (100-110cm) and seat (85-105cm) heights, along with the overall bicycle dimensions (183cm length, 71cm frame height).

Adjust the handlebar and seat height to ensure a comfortable and safe riding posture. The handlebar is adjustable from 100-110cm, and the seat from 85-105cm, accommodating riders with heights between 160-195cm.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the bicycle, press and hold the power button on the LCD display. To power off, press and hold the same button.

5.2 LCD Display Functions



LCD Display: A close-up of the intelligent LCD display, showing real-time data such as speed, battery level, pedal assist level, and mileage. The control buttons for adjusting settings are also visible.

The intelligent LCD display provides real-time information about your ride:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Pedal Assist Level:** Shows the current level of electric assistance (3 speeds available).
- **Mileage:** Displays total distance traveled.
- **Malfunction Mark:** Alerts to potential issues.

Use the buttons on the display to cycle through information and adjust the pedal assist level according to your preference.

5.3 Riding Modes

The EK8S offers different riding experiences:

- **Pedal Assist Mode:** The motor provides assistance as you pedal. Choose from 3 levels of assistance via the LCD display. This mode offers a range of 35-90km.
- **Manual Mode:** Ride the bicycle like a traditional bike without any electric assistance.

5.4 Braking System

The bicycle is equipped with front and rear mechanical disc brakes for reliable stopping power. Apply both brakes

simultaneously for effective and safe deceleration.

6. MAINTENANCE

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

6.1 Cleaning

- Wipe the frame with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- Clean the chain and gears regularly to prevent rust and ensure smooth operation.

6.2 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not fully discharge the battery frequently.

6.3 Tire Pressure

Check tire pressure before each ride. Maintain the recommended pressure (usually indicated on the tire sidewall) for optimal performance and safety. Use the included tire inflator as needed.

6.4 Brake Adjustment

Periodically check the brake pads for wear and adjust the brake cables as necessary to ensure responsive braking. If you are unsure, consult a professional bicycle mechanic.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your EVERCROSS EK8S electric bicycle.

Problem	Possible Cause	Solution
Motor not assisting	Battery low or depleted; Zero-Start not activated; Loose connection.	Charge battery; Pedal above 3.75 MPH (6 KM/H) to activate; Check all electrical connections.
Short battery range	Under-inflated tires; Frequent use of high assist levels; Heavy load; Cold weather.	Inflate tires to recommended pressure; Use lower assist levels; Reduce load; Battery performance is reduced in cold weather.
Brakes feel weak	Worn brake pads; Loose brake cables.	Inspect and replace brake pads if worn; Adjust brake cable tension. Consult a professional if unsure.
LCD display not turning on	Battery not installed correctly; Battery depleted; Loose cable connection to display.	Ensure battery is fully inserted and locked; Charge battery; Check display cable connection.

8. SPECIFICATIONS

Feature	Specification
Model	EK8S
Motor Power	250W High-Speed Motor

Feature	Specification
Battery	36V 12Ah Lithium-ion
Charging Time	Approx. 5 hours
Max Speed	Up to 25 km/h (15.5 mph)
Assisted Range	35-90 km (21.7-56 miles)
Wheel Size	26 inches
Tires	26" * 2.35" Puncture-resistant Air Tires
Brakes	Front & Rear Mechanical Disc Brakes
Max Load	120 kg (265 lbs)
Adjustable Handlebar Height	100-110 cm (39.4-43.3 inches)
Adjustable Seat Height	85-105 cm (33.5-41.3 inches)
Recommended Rider Height	160-195 cm (5'3" - 6'5")
Product Dimensions	183 x 60 x 110 cm (72 x 23.6 x 43.3 inches)
Product Weight	25 kg (55 lbs)

9. WARRANTY AND SUPPORT

EVERCROSS products come with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

9.1 Customer Support

For technical assistance, spare parts, or warranty claims, please contact EVERCROSS customer support.

- **Website:** Visit the official EVERCROSS website for FAQs and support resources.
- **Email:** Refer to your purchase documentation for customer service email.
- **Local Warehouses:** EVERCROSS maintains local warehouses in the UK, Germany, Italy, and other countries to facilitate faster delivery, parts availability, and local repair/replacement services.

When contacting support, please have your product model number (EK8S) and purchase date ready.

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