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Fafrees F20

Fafrees F20 Electric Fatbike User Manual

Model: F20 | Brand: Fafrees

INTRODUCTION

Welcome to the Fafrees F20 Electric Fatbike user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

SETUP GUIDE

Unboxing and Initial Assembly

Your Fafrees F20 electric fatbike comes partially assembled. Follow these steps to complete the setup:

1. Carefully remove the bike and all components from the packaging.
2. Unfold the frame and secure the locking mechanisms.
3. Install the handlebars, ensuring they are aligned and tightened.
4. Attach the pedals. Note that pedals are often left (L) and right (R) specific and thread in opposite directions.
5. Adjust the seat post height.
6. Check tire pressure.
7. Fully charge the battery before first use.



Image: The Fafrees F20 Electric Fatbike in white, showcasing its overall design and components, ready for initial assembly.

Battery Installation and Charging

The Fafrees F20 features a removable 36V 16Ah lithium battery.

1. To install, slide the battery into its compartment until it clicks securely.
2. To remove, use the key to unlock and pull the battery out.
3. Connect the charger to the battery charging port and then to a power outlet. The indicator light on the charger will show charging status.
4. Charge until the indicator light turns green, indicating a full charge.

BATTERIA AL LITIO DA 16AH

21700 celle della batteria di grado automobilistico

Facile da smontare



Image: Close-up view of the Fafrees F20's 16Ah lithium battery, showing its integration into the bike frame and the simple removal process.

OPERATING INSTRUCTIONS

Powering On/Off

Locate the power button on the handlebar display. Press and hold to turn the bike on or off.

Riding Modes

The Fafrees F20 offers three riding modes:

- **Electric Mode:** Provides full motor power without pedaling, controlled by the thumb throttle. Estimated range: 55-65 km.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust assist levels via the display. Estimated range: 90-120 km.
- **Manual Mode:** Ride like a traditional bicycle without motor assistance.



Image: Visual representation of the three riding modes available on the Fafrees F20: Electric, Pedal Assist, and Manual, illustrating their distinct functionalities.

Display Functions

The intelligent LCD display shows important riding data:

- Remaining battery life
- Total distance traveled
- Current mileage
- Current speed
- Assist level



Image: Close-up of the Fafrees F20's multi-function smart display, showing various metrics like battery level, speed, and distance.

Gear Shifting

The bike is equipped with a Shimano 7-speed gear system. Use the shifter on the handlebar to change gears according to terrain and desired speed.



Image: Detailed view of the Shimano 7-speed gear system and front suspension on the Fafrees F20, highlighting the drivetrain components.

Braking System

The Fafrees F20 features front and rear disc brakes for reliable stopping power. The brake levers also include a power-off function for enhanced safety.

FRENI A DISCO ANTERIORI E POSTERIORI

FUNZIONE DI SPEGNIMENTO DEL FRENO PER UNA GUIDA SICURA



Image: Illustration of the front and rear disc brakes on the Fafrees F20, emphasizing their function for safe riding.

Folding Mechanism

The aluminum alloy frame allows for easy folding for storage and transport.



TELAIO PIEGHEVOLE IN LEGA DI ALLUMINIO



Image: A person demonstrating the folding process of the Fafrees F20, highlighting the compact size for storage and transport.

MAINTENANCE

Regular Checks

- Inspect tires for wear and proper inflation (20" x 3.0" Fat Tires).
- Check brake pads and cables for wear and proper function.
- Ensure all bolts and quick releases are securely tightened.
- Lubricate the chain regularly.

20" * 3.0 PNEUMATICO GRASSO

GUIDA CONFORTEVOLE IN CITTÀ E NELLA NATURA



Image: Close-up of the Fafrees F20's 20" x 3.0" fat tire, illustrating its anti-puncture design and integrated wheel for comfortable riding on various terrains.

Battery Care

- Store the battery in a cool, dry place.
- Avoid fully discharging the battery.
- Charge the battery at least once every two months if not in use.

Cleaning

Use a damp cloth to clean the bike. Avoid high-pressure washing directly on electrical components.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Bike does not power on	Low battery, loose battery connection, power button issue	Charge battery, re-seat battery, check connections, contact support
Motor not assisting	PAS level too low, brake levers engaged, motor connection issue	Increase PAS level, release brake levers, check motor cable, contact support
Brakes feel weak	Worn brake pads, loose cables, air in hydraulic system (if applicable)	Inspect/replace pads, adjust cable tension, consult professional for hydraulic systems
Unusual noises	Loose components, dry chain, misaligned gears	Check all fasteners, lubricate chain, adjust derailleur

For more complex issues, please contact Fafrees customer service. Provide a detailed description, and if possible, photos or videos of the problem.

SPECIFICATIONS

Feature	Detail
Model	Fafrees F20
Bike Type	Electric Bike, Fatbike, Folding E-bike, MTB
Motor	250W Brushless High-Speed Motor (Peak output up to 350W)
Battery	36V 16Ah Lithium Battery
Max Speed	25 km/h
Electric Mode Range	55-65 km
Pedal Assist Range	90-120 km
Wheel Size	20 Inches
Tires	20" x 3.0" Fat Tires
Brakes	Front and Rear Disc Brakes
Gears	Shimano 7-Speed
Frame Material	Aluminum Alloy
Suspension	Front Fork Suspension
Applicable Height	150-198 cm
Max Load Capacity	150 kg
Product Dimensions (L x W x H)	174 x 60 x 125 cm

Feature	Detail
Net Product Weight	27 kg
Included Components	Charger, Fafrees Fatbike F20, Instructions, Tool Kit, Pedals

WARRANTY AND SUPPORT

Fafrees provides professional customer service. If you have any questions or require assistance, please do not hesitate to contact us. We aim to respond within 24 hours.

For warranty information, please refer to the documentation included with your purchase or visit the official Fafrees website.

Important Note: It is highly recommended to take photos of your bike's frame number. This number is unique to your bicycle and serves as proof of ownership, which is crucial in case of theft. The frame number is typically located underneath the bike.



Related Documents - F20

FAFREES  User Manual  	<p>FAFREES F20 Electric Bicycle User Manual</p> <p>Comprehensive user manual for the FAFREES F20 Electric Bicycle, providing essential instructions for assembly, safe operation, maintenance, and specifications. Learn about the F20 ebike's features, safety guidelines, and proper care.</p>
FAFREES  User Manual  	<p>FAFREES F20 Light Electric Bicycle User Manual - Assembly, Safety & Operation Guide</p> <p>Your essential guide to the FAFREES F20 Light Electric Bicycle. Discover assembly instructions, safety precautions, operating procedures, maintenance tips, specifications, and troubleshooting for your F20 Light ebike.</p>
 FAFREES  	<p>FAFREES F20 Electric Bike User Manual</p> <p>Comprehensive user manual for the FAFREES F20 Electric Bike, covering assembly, operation, safety, maintenance, and specifications.</p>
FAFREES  User Manual  	<p>Fafrees F20 Mate Electric Tricycle User Manual</p> <p>Comprehensive user manual for the Fafrees F20 Mate Electric Tricycle, covering safety, operation, assembly, maintenance, specifications, and troubleshooting. Includes detailed instructions and warnings for optimal use.</p>

FAFREES <small>User Manual</small> F20 Max Electric Bicycle  <small>Scan to watch assembly video</small> 	<p><u>Fafrees F20 Max Electric Bicycle User Manual and Safety Guide</u></p> <p>Comprehensive user manual for the Fafrees F20 Max Electric Bicycle, covering assembly, safe operation, maintenance, and specifications. Essential guide for owners.</p>
FAFREES <small>User Manual</small> F20 Pro Electric Bicycle  <small>Scan to watch assembly video</small> 	<p><u>FAFREES F20 Pro Electric Bicycle User Manual</u></p> <p>Comprehensive user manual for the FAFREES F20 Pro Electric Bicycle, covering assembly, safe operation, maintenance, and detailed specifications. This essential guide helps owners ensure optimal performance and safety.</p>