

[Manuals.plus](#) /

› [SAMEBIKE](#) /

› SAMEBIKE M20-III Electric Bike User Manual

SAMEBIKE M20-III

SAMEBIKE M20-III Electric Bike User Manual

Model: M20-III | Brand: SAMEBIKE

INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and care of your SAMEBIKE M20-III Adult Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.



Figure 1: SAMEBIKE M20-III Adult Electric Bike (Earthy Brown)

SAFETY GUIDELINES

Your safety is paramount. Always wear a helmet and appropriate safety gear. Adhere to all local traffic laws and regulations. Perform pre-ride checks before each use.

- Always wear a certified helmet.
- Ensure tires are properly inflated and brakes are functional.
- Check battery charge level before riding.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions.
- Do not exceed the maximum load capacity of 330 lbs.

COMPONENTS OVERVIEW

The SAMEBIKE M20-III is engineered with high-quality components for performance and durability.

Dual Motor System



Figure 2: High Powerful Dual Motor Configuration

Equipped with a dual motor system (Peak 3000W), providing powerful acceleration and a maximum speed of 34 MPH. This configuration ensures robust performance for various terrains.

Dual Battery System



Figure 3: Dual 48V Large-Capacity Batteries

Features two 48V 18AH lithium-ion batteries (36AH total) for an extended range of 60-180 miles on a single charge. The batteries are removable for convenient charging and security.

LCD Display and Controls



Figure 4: Multifunctional LCD Center Display and Handlebar Controls

The LCD center display provides real-time information including speed, mileage, and battery level. It also includes a USB port for charging mobile devices. Controls include a thumb throttle and a SHIMANO 7-speed mechanical shifter.

Suspension and Tires

Full Suspension & Off-Road Fat Tires



Figure 5: Full Suspension and 4.0" Fat Tires

Equipped with a 20" dual shoulder suspension fork and adjustable aluminum alloy shock absorber for a smooth ride over varied terrain. The 20" x 4.0" all-terrain fat tires provide excellent grip and stability on snow, road, gravel, flat dirt, and sand.

SETUP

Your SAMEBIKE M20-III comes partially assembled. Follow these general steps for final assembly:

1. Carefully remove the bike and all components from the packaging.
2. Attach the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper.
3. Install the handlebars, adjusting them to a comfortable riding position.
4. Attach the pedals, noting that they are typically left (L) and right (R) specific.
5. Insert the seat post and saddle, adjusting the height for proper leg extension.
6. Install the batteries into their designated compartments.
7. Perform a thorough safety check of all bolts, connections, and functions before your first ride.

Refer to the included tool kit for necessary assembly tools.

OPERATING INSTRUCTIONS

The SAMEBIKE M20-III offers multiple riding modes for versatility.

Powering On/Off

Press and hold the power button on the LCD display to turn the bike on or off. The display will illuminate, showing current speed, battery level, and other metrics.

Riding Modes

- **Pure Electric Mode:** Engage the thumb throttle for motor-only propulsion. Ideal for effortless cruising.
- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. Adjust the assist level via the display controls to vary the amount of power.
- **Manual Mode:** Ride the bike like a traditional bicycle, using the SHIMANO 7-speed transmission to select gears.

Gear Shifting

Use the SHIMANO 7-speed mechanical shifter on the handlebars to change gears. Shift smoothly to avoid strain on the drivetrain, especially when starting or climbing hills.

Braking

The bike is equipped with disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for optimal control and shorter stopping distances.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric bike.

- **Cleaning:** Use a damp cloth to wipe down the frame and components. Avoid high-pressure washing directly on electrical parts.
- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Store in a cool, dry place. Avoid fully discharging the battery.
- **Tire Pressure:** Check tire pressure before each ride. Recommended pressure is typically indicated on the tire sidewall.
- **Brakes:** Inspect brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially on critical components like handlebars, wheels, and seat post.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged or improperly installed; loose connections.	Ensure battery is fully charged and securely seated. Check all electrical connections.
Motor not assisting	PAS level too low; brake levers engaged; motor or controller issue.	Increase PAS level. Ensure brake levers are fully released. Consult support if issue persists.
Brakes squealing or ineffective	Worn brake pads; contaminated rotors; improper adjustment.	Inspect and replace worn pads. Clean rotors. Adjust brake calipers.
Gears not shifting smoothly	Derailleur misalignment; stretched chain; dirty drivetrain.	Adjust derailleur. Lubricate chain. Clean drivetrain components.

SPECIFICATIONS

Feature	Detail
Bike Type	Fat Tire, Mountain Bike
Age Range (Description)	Adult
Brand	SAMEBIKE
Number of Speeds	7
Color	Earthy Brown
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Feature	Dual Battery, Dual Motor
Included Components	Tool Kit
Size	20
Brake Style	Disc
Wheel Width	4 Inches
Specific Uses For Product	Snow, Road, Gravel
Theme	Motorcycle
Model Name	M20-III
Power Source	Electric Bike/PAS
Global Trade Identification Number	04262533622548
Manufacturer	SAMEBIKE
Brand Name	SAMEBIKE

Feature	Detail
Warranty Description	12 Months
Material	Aluminum
ASIN	B0FFMC1PZZ
Date First Available	June 26, 2025

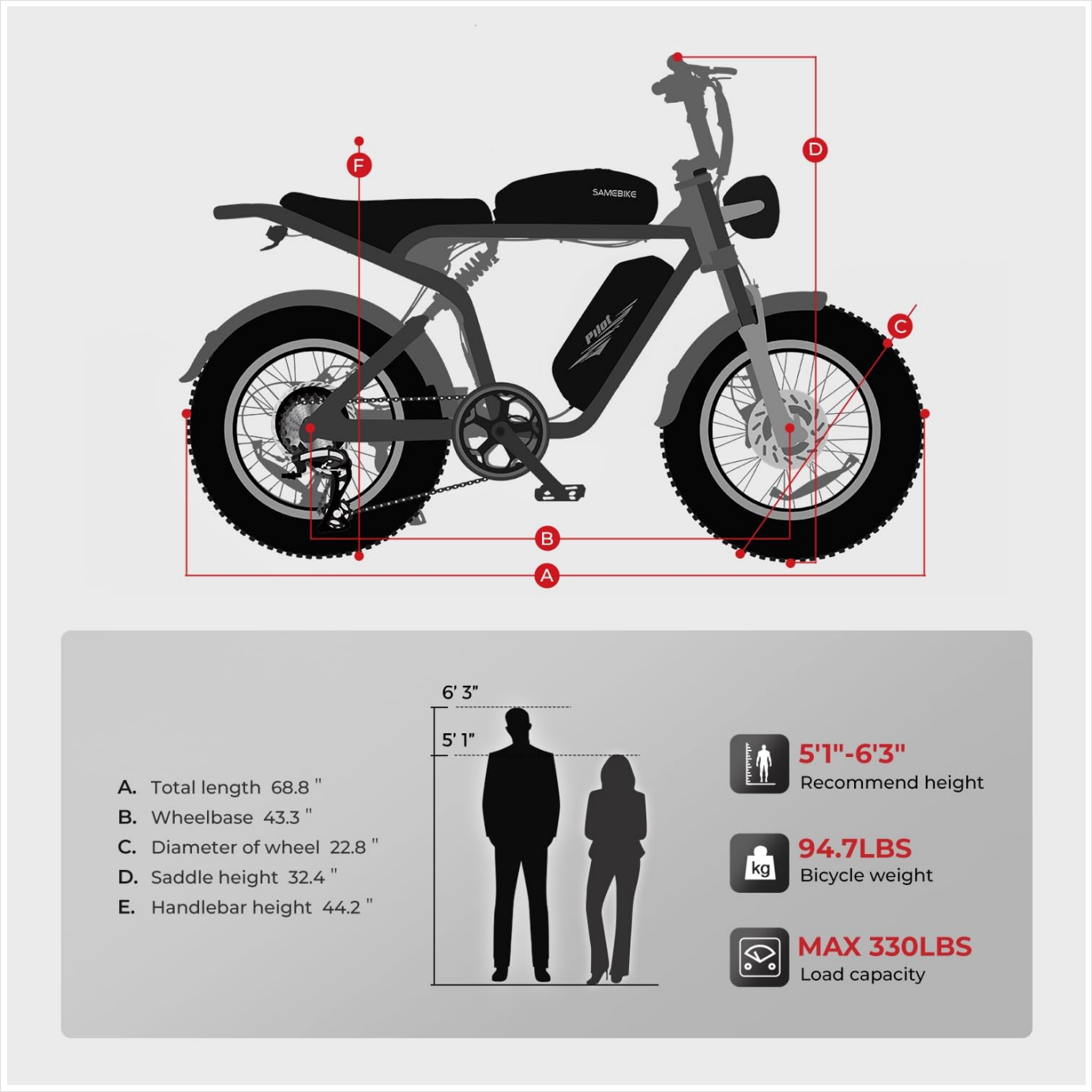


Figure 6: Product Dimensions and Rider Recommendations

OFFICIAL PRODUCT VIDEO



Video 1: Real Review of SAMEBIKE M20 Electric Bike by SAMEBIKE Direct. This video provides a detailed overview and performance demonstration of the M20-III electric bike, including a top speed run.

WARRANTY AND SUPPORT

Your SAMEBIKE M20-III comes with a **12 Months** warranty from the date of first availability (June 26, 2025). This warranty covers manufacturing defects under normal use.

For technical support, warranty claims, or any inquiries, please contact SAMEBIKE Direct. You can visit the official SAMEBIKE store on Amazon for more information and contact details: [SAMEBIKE Store](#).

We are committed to providing excellent customer support and ensuring your satisfaction.

© 2025 SAMEBIKE. All rights reserved.

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