

## SachsenRAD BB12294

# SachsenRAD E-Folding Bike F2 Farmers User Manual

Model: BB12294

## INTRODUCTION

Thank you for choosing the SachsenRAD E-Folding Bike F2 Farmers. This manual provides essential information for the safe and efficient operation, maintenance, and care of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper assembly and regular maintenance are crucial for your safety and the longevity of your bike.

## SAFETY INFORMATION

Your safety is paramount. Always adhere to local traffic laws and regulations. Wear a helmet and appropriate safety gear. Perform pre-ride checks before every use.

- Always wear a certified bicycle helmet.
- Ensure brakes are functioning correctly before each ride.
- Check tire pressure regularly.
- Be visible: use lights and reflective gear, especially at night.
- Do not ride under the influence of alcohol or drugs.
- Familiarize yourself with the bike's controls before riding in traffic.
- Avoid riding in extreme weather conditions.

## COMPONENTS OVERVIEW

The SachsenRAD E-Folding Bike F2 Farmers is designed for comfort and portability. Below are the key components of your electric bicycle.



*Image: The SachsenRAD E-Folding Bike F2 Farmers in its fully unfolded state, showcasing its robust frame, comfortable saddle, and integrated rear rack with battery.*

- **Frame:** Lightweight aluminum folding frame with low-step design.
- **Motor:** Integrated electric motor for pedal assistance.
- **Battery:** Removable 470 Wh battery, typically mounted on the rear rack.
- **Display:** LCD screen showing speed, battery level, and assist mode.
- **Brakes:** Hybrid disc brakes for reliable stopping power.
- **Gears:** 7-speed gear system.
- **Wheels:** 20-inch wheels.
- **Mudguards:** Front and rear mudguards for protection.
- **Rear Rack:** Sturdy rack for carrying items, also houses the battery.

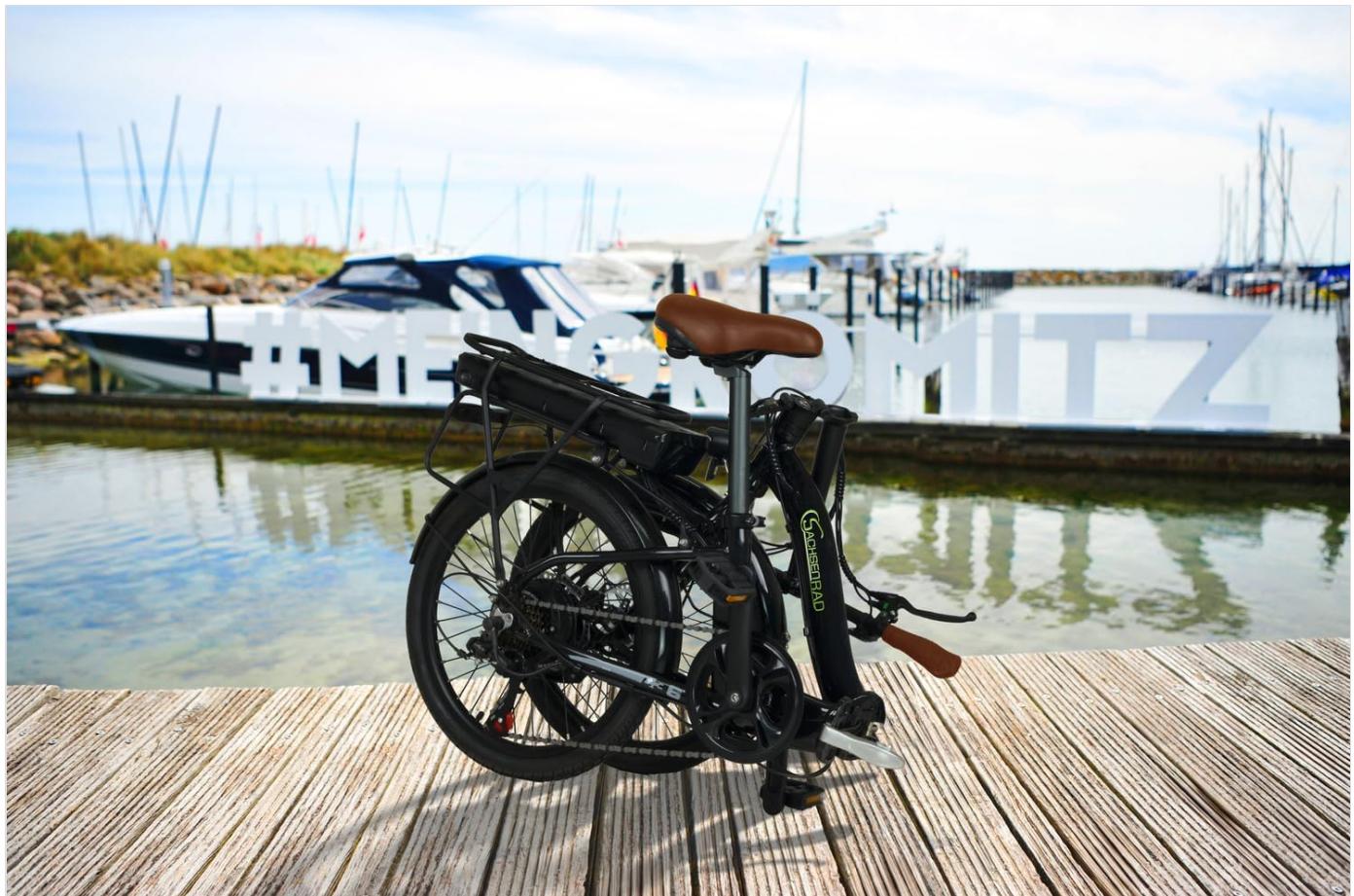
## SETUP

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### 1. Unpacking and Initial Inspection

Carefully remove the bicycle from its packaging. Inspect for any visible damage during transit. Retain packaging for potential future transport or returns.

### 2. Unfolding the Bicycle



*Image: The SachsenRAD E-Folding Bike F2 Farmers in its compact, folded configuration, positioned on a wooden dock beside a marina.*

1. Place the folded bike on a flat surface.
2. Locate the main frame hinge release lever, usually in the middle of the frame. Open the lever and carefully unfold the frame until it locks into place. Secure the hinge with the safety latch.
3. Unfold the handlebar stem. Release the stem hinge lever, raise the stem, and lock it securely. Adjust the handlebar height if necessary using the quick-release lever.
4. Unfold the pedals. Push the pedal body away from the crank arm and rotate it until it clicks into the riding position.

### **3. Seat Post Adjustment**

Open the quick-release lever on the seat post clamp. Adjust the seat height so that your leg is slightly bent when the pedal is at its lowest point. Close the quick-release lever firmly.

### **4. Battery Installation and Initial Charge**

The battery is typically located on the rear rack. Ensure it is securely locked in place. For the first use, fully charge the battery. Connect the charger to the battery charging port and then to a power outlet. The indicator light on the charger will show charging status (usually red for charging, green for full).

## **OPERATING**

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### **1. Powering On and Off**

To power on the bike, press and hold the power button on the LCD display for a few seconds. The display will illuminate. To power off, press and hold the power button again.

### **2. Using the LCD Display**

The LCD display provides vital information:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Assist Mode:** Shows the current level of pedal assistance (e.g., 0-5). Use the '+' and '-' buttons to adjust the assist level. Level 0 means no assistance.
- **Odometer/Trip Distance:** Toggle between total distance and current trip distance.

### 3. Riding the E-Bike



*Image: A woman riding the SachsenRAD E-Folding Bike F2 Farmers on a paved path in an urban environment, demonstrating its use for daily commuting.*

- Start pedaling, and the motor will engage to provide assistance based on your selected assist level.
- Use the gear shifter to change gears according to terrain and desired speed.
- Apply both front and rear brakes smoothly to slow down or stop.

### 4. Folding the Bicycle for Storage/Transport

1. Ensure the bike is powered off.
2. Lower the seat post to its lowest position.
3. Fold the pedals inward.
4. Release the handlebar stem hinge and fold the handlebars down.
5. Release the main frame hinge lever and carefully fold the frame in half. Secure with the safety latch.

## MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your e-bike.

## 1. Cleaning

- Clean your bike regularly with a damp cloth and mild soap. Avoid high-pressure washers.
- Do not spray water directly onto electrical components (motor, battery, display).

## 2. Tires

- Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- Inspect tires for wear, cuts, or embedded objects.

## 3. Brakes

- Regularly check brake pads for wear and replace them if necessary.
- Ensure brake levers are firm and responsive. Adjust cable tension if levers feel spongy.

## 4. Chain and Drivetrain

- Keep the chain clean and lubricated. Apply bicycle-specific chain lubricant regularly.
- Check for worn gears or chain links.

## 5. Battery Care

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to 50-70% and recharge every 2-3 months.
- Only use the original charger provided with the bike.

## TROUBLESHOOTING

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This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged or not properly seated; loose connection; display issue.	Check battery charge level; ensure battery is fully inserted and locked; check all cable connections; try resetting the display by turning off and on.
Motor not assisting	Assist level set to 0; battery low; brake levers engaged; sensor issue.	Increase assist level on the display; charge battery; ensure brake levers are fully released; check for any error codes on the display.
Brakes squealing	Dirty brake pads/rotors; worn pads; misaligned calipers.	Clean pads and rotors with disc brake cleaner; replace worn pads; adjust caliper alignment.
Gears skipping or not shifting smoothly	Derailleur out of adjustment; bent hanger; dirty chain.	Clean and lubricate chain; adjust derailleur limits and cable tension; consult a bike mechanic if hanger is bent.

## SPECIFICATIONS

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Detailed technical specifications for the SachsenRAD E-Folding Bike F2 Farmers.

Feature	Specification
Age Range	Adult
Bike Type	Foldable Electric Bicycle
Brakes	Disc
Model Color	Black
Size	20"
Main Material	Aluminum
Number of Gears	7
Power Source Type	Battery
Special Features	Lightweight
Suspension Type	None
Wheel Size	20 Inches
Included Components	Mudguards
Brand	SachsenRAD
Service	Unisex Adult
Manufacturer	LEICKE-Leipzig
Item Model Number	BB12294
ASIN	B0CXDF7V21
Date First Available	April 2, 2024

## WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

Manufacturer: LEICKE-Leipzig

