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Flebi Swan 24 inch

Flebi Swan 24 Inch Folding Electric Bike User Manual

Model: Swan 24 inch

1. INTRODUCTION

Welcome to the user manual for your new Flebi Swan 24 inch folding electric bike. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your bike.

The Flebi Swan 24 inch is a versatile and comfortable electric touring bike designed for urban environments. It features a foldable design for easy storage and transport, a 10.4Ah battery providing a range of up to 70 km, and a maximum speed of 25 km/h. Equipped with Schwalbe Land Cruiser tyres, front/rear disc brakes, and 7 speeds, it offers a smooth and adaptable riding experience with 5 levels of pedal assistance.

2. SAFETY INFORMATION

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

2.1 General Safety Guidelines

- Always wear a certified helmet.
- Ensure all bolts and quick releases are securely tightened before each ride.
- Check tire pressure regularly.
- Test brakes before riding.
- Be aware of your surroundings and ride defensively.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions if visibility is poor or surfaces are slippery.

2.2 Battery Safety

- Use only the charger provided by Flebi.
- Do not expose the battery to extreme temperatures or direct sunlight for prolonged periods.

- Do not attempt to open or modify the battery pack.
- Charge the battery in a well-ventilated area, away from flammable materials.
- If the battery is damaged or shows signs of overheating, discontinue use immediately and contact support.

3. SETUP AND INITIAL PREPARATION

Your Flebi Swan 24 inch electric bike is delivered 100% assembled and ready to use. Minimal preparation is required before your first ride.

1. **Unpacking:** Carefully remove the bike from its packaging. Retain packaging for future transport or storage if needed.
2. **Check Tire Pressure:** Ensure the tires are inflated to the recommended pressure, typically found on the tire sidewall. Proper tire pressure is crucial for safety, performance, and battery range.
3. **Install Pedals:** The pedals may be uninstalled for shipping. Identify the left (L) and right (R) pedals. The left pedal typically tightens counter-clockwise, and the right pedal clockwise. Ensure they are securely tightened.
4. **Charge Battery:** For optimal performance and battery longevity, fully charge the battery before your first ride. Connect the charger to the bike's charging port and then to a power outlet. The charging time is approximately 4 hours.
5. **Adjust Seat and Handlebars:** Adjust the seat height and handlebar position to a comfortable and safe riding posture. Ensure quick releases are securely fastened after adjustment.

Product Image Reference



This image is a placeholder and does not accurately represent the Flebi Swan 24 inch folding electric bike. It is provided as a reference for image placement within the manual. A detailed image of the bike, possibly showing its folded state or key components, would typically be placed here.

4. OPERATING YOUR FLEBI SWAN

Understanding the controls and features of your electric bike will enhance your riding experience.

4.1 Powering On/Off

Locate the power button on the EN06 LCD display. Press and hold to turn the bike's electrical system on or off.

4.2 Pedal Assistance Levels

The EN06 LCD display allows you to select from 5 levels of pedal assistance. Higher levels provide more motor power, making pedaling easier, while lower levels conserve battery life. Use the '+' and '-' buttons on the display to adjust the assistance level.

4.3 Shifting Gears

Your bike is equipped with 7 speeds. Use the gear shifter on the handlebars to change gears according to terrain and desired pedaling effort. Shift to a lower gear for uphill climbs and a higher gear for flat or downhill riding.

4.4 Braking System

The Flebi Swan features 160mm mechanical disc brakes on both the front and rear wheels. Apply both brakes

simultaneously for effective and safe stopping. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

4.5 Folding Mechanism

The bike's folding mechanism allows for compact storage and transport. The bike folds in approximately 20 seconds. Refer to the specific folding instructions (often found on a sticker on the frame or in a quick-start guide) for the correct sequence to fold and unfold the bike safely.

Note: No official product videos were provided in the available data. If videos were available, they would be embedded here to demonstrate operation, such as folding or display usage.

5. MAINTENANCE AND CARE

Regular maintenance is crucial for the longevity and safe operation of your Flebi Swan electric bike.

5.1 Cleaning

- Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washers, which can damage electrical components.
- Do not submerge electrical parts in water.
- Keep the charging port clean and dry.

5.2 Lubrication

- Lubricate the chain regularly with bicycle-specific chain lubricant, especially after riding in wet conditions.
- Check and lubricate other moving parts as needed, such as brake levers and derailleur pivots.

5.3 Component Checks

- **Brakes:** Regularly check brake pads for wear and replace them when necessary. Ensure brake levers are firm and responsive.
- **Tires:** Inspect tires for wear, punctures, or cracks. Maintain correct tire pressure.
- **Bolts and Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Battery:** Store the battery in a cool, dry place. If storing for extended periods, charge it to about 50-70% every few months to prevent deep discharge.

Warning:

Replacement of consumables subject to normal wear (battery, lights, fuses, inner tubes, tires, bearings, brake pads, chain, spokes, etc.) is not covered under warranty if due to normal wear or misuse. Abnormal use, breakage of accessories (power cables, etc.), or repairs by unauthorized technical services will void the warranty.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Flebi Swan electric bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is discharged or not properly connected.	Charge the battery. Ensure the battery is securely seated in its compartment.
Motor not providing assistance.	Pedal assistance level is set to zero, or a sensor issue.	Increase the pedal assistance level on the display. Check for any loose cables.
Brakes feel spongy or ineffective.	Brake pads worn, cable stretched, or air in hydraulic system (if applicable).	Inspect brake pads for wear and replace if needed. Adjust brake cable tension. If issue persists, consult a professional.
Unusual noises during riding.	Loose components, dry chain, or worn bearings.	Check all bolts and fasteners. Lubricate the chain. Inspect bearings for play.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Flebi customer support.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Cruiser Bike, Electric Bike, Folding Bike
Brand	Flebi
Model	Swan 24 inch
Number of Speeds	7
Frame Material	Aluminum
Suspension Type	Front, Rear
Special Feature	Foldable, Lightweight
Included Components	Flebi Swan 24 inch folding electric bike with built-in battery, 220-240 V battery charger, luggage rack, front and rear mudguard
Dimensions (Unfolded)	171 x 116 x 58 cm
Dimensions (Folded)	89 x 42 x 69 cm
Weight	22 kg
Motor	Astre 36V/250W high speed
Battery	36V/10.4Ah
Range	Up to 70 km
Max Speed	25 km/h
Charging Time	4 hours
Tires	Schwalbe Land Cruiser Tyres
Brake Style	160mm Mechanical Disc Brakes
Control Panel	EN06 LCD display with 5 levels of assistance
Lights	Star Union QD240-White Front Lights / WD220-Red Rear Lights

8. WARRANTY INFORMATION

The applicable warranty for your Flebi Swan electric bike is **2 years** from the date of purchase, with specific exclusions:

8.1 Warranty Exclusions

The warranty does NOT cover the following cases:

- As a consumable, wear or misuse of the battery is not covered.
- Replacement of consumables subject to normal wear (e.g., battery, lights, fuses, inner tubes, tires, bearings, brake pads, chain, spokes, etc.).

- Abnormal use of products, breakage of accessories (e.g., power cables), or repair of defects by technical services not authorized by Flebi.
- Damage due to external causes (e.g., accidents, shocks, punctures, power supply problems, use in adverse weather conditions, lack of maintenance or insufficient maintenance, etc.).

Please retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your Flebi Swan 24 inch folding electric bike, please contact Flebi customer support.

Please visit the official Flebi website or refer to your purchase documentation for the most up-to-date contact information.

Thank you for choosing Flebi.