

Blutron EB350F

Blutron EB350F Electric Bike User Manual

Model: EB350F

1. INTRODUCTION

Thank you for choosing the Blutron EB350F Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new e-bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

Safety Warnings

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions or on slippery surfaces.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. If anything is missing or damaged, contact Blutron customer support immediately.

- Blutron EB350F Electric Bike (partially assembled)
- Battery (pre-installed or separate)
- Battery Charger
- Pedals
- Tool Kit (for assembly)
- User Manual
- Bell

3. ASSEMBLY AND SETUP

The Blutron EB350F is designed for easy assembly. Follow these steps to get your bike ready for its first ride.



Image: The Blutron EB350F Electric Bike, showcasing its compact, foldable design and key components like the 16-inch wheels, disc brakes, and integrated battery.

3.1 Unfolding the Bike

1. Carefully remove the bike from its packaging.
2. Locate the main frame hinge and release the safety latch.
3. Unfold the frame until it locks securely into place. Ensure the latch is fully engaged.
4. Raise the handlebar stem and secure its folding mechanism. Adjust the handlebar height to your preference.

3.2 Attaching Pedals

- Identify the 'L' (left) and 'R' (right) markings on the pedals.
- The right pedal (R) screws clockwise into the crank arm.
- The left pedal (L) screws counter-clockwise into the crank arm.
- Tighten securely with a wrench.

3.3 Adjusting the Saddle

The saddle height and position can be adjusted for optimal comfort. Loosen the quick-release lever on the seat post, adjust the saddle to your desired height, and then firmly close the lever. The saddle can also be moved forward or backward.

3.4 Initial Battery Charge

Before your first ride, fully charge the 270Wh Li-ion battery. Connect the charger to the bike's charging port and then to a power outlet. The charging indicator will show the charging status. A full charge typically takes 3-4 hours.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the bike, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

4.2 Riding Modes

The Blutron EB350F offers three distinct riding modes:

- **Pedal-Assist Mode:** The motor provides assistance as you pedal. There are three levels of pedal-assist, adjustable via the LCD display controls. This mode helps extend your range up to 20 miles.
- **Throttle-Only Mode:** Engage the throttle to propel the bike without pedaling. This mode is ideal for quick bursts of speed or when you need a break from pedaling.
- **Pedal-Only Mode:** Ride the bike like a traditional bicycle with no motor assistance.

4.3 Gear Shifting (7-Speed)

The bike is equipped with a 7-speed gear system. Use the shifter on the handlebar to change gears according to terrain and desired speed. Lower gears are for climbing hills, and higher gears are for flat terrain and faster speeds.

4.4 Braking System

The EB350F features front and rear mechanical disc brakes for reliable stopping power. Always apply both brakes simultaneously for effective and safe stopping. Regularly check brake pads and cables for wear.

4.5 LCD Display

The integrated LCD display provides real-time information about your ride, including current speed, total mileage, and battery level. Monitor these metrics to plan your rides effectively.

5. BATTERY CHARGING AND CARE

5.1 Charging Procedure

1. Ensure the bike is turned off before charging.
2. Locate the charging port on the bike.
3. Connect the charger's output plug to the bike's charging port.
4. Plug the charger's input plug into a standard wall outlet (AC 100-240V).
5. The charger's indicator light will typically turn red during charging and green when fully charged.
6. Once fully charged, disconnect the charger from the wall outlet first, then from the bike.

5.2 Battery Care Tips

- Do not overcharge the battery; disconnect the charger once charging is complete.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing the bike for an extended period, charge the battery to approximately 50-70% every 2-3 months to maintain its health.
- Only use the original Blutron charger provided with your bike.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Blutron EB350F.

6.1 General Inspection

- Periodically check all bolts and nuts for tightness.
- Ensure the folding mechanisms are clean and lubricated.
- Inspect the frame for any cracks or damage.

6.2 Tires

The 16-inch tires require proper inflation for optimal performance and safety. Check tire pressure regularly and inflate to the recommended PSI (usually found on the tire sidewall).

6.3 Brakes

- Check brake levers for proper tension and responsiveness.
- Inspect disc brake pads for wear and replace them if necessary.
- Ensure brake cables are not frayed or damaged.

6.4 Chain and Drivetrain

Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear. Regularly clean off dirt and grime, then apply bicycle-specific chain lubricant.

6.5 Cleaning

Clean your e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or the motor.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Blutron EB350F.

Problem	Possible Cause	Solution
Bike does not power on	Battery low or not connected; Power button not pressed correctly	Charge battery; Ensure battery is securely seated; Press and hold power button firmly
Motor not assisting	Battery low; Pedal-assist level set to zero; Brake levers engaged	Charge battery; Increase pedal-assist level on display; Ensure brake levers are fully released
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable)	Inspect and replace brake pads; Adjust brake cable tension; Consult a bike mechanic for hydraulic issues
Unusual noises	Loose components; Dry chain; Debris in drivetrain	Check all bolts; Lubricate chain; Clean drivetrain

8. SPECIFICATIONS

Feature	Specification
Model	EB350F
Motor Power	350W
Battery	36V, 10.4AH (270Wh) Li-ion
Max Speed	20 MPH (32 km/h)
Max Range	Up to 20 miles (pedal assist mode)
Charging Time	3-4 hours
Wheel Size	16 Inches
Gears	7-Speed Shimano
Brakes	Front and Rear Disc Brakes
Frame Material	Aluminum
Suspension	Front Fork Suspension
Bike Dimensions (Unfolded)	50.2" x 20.7" x 41.5"
Item Weight	24.9 kg (54.9 lbs)
Special Features	Foldable Design, Adjustable Seat, Headlight, Lightweight

9. WARRANTY AND SUPPORT

The Blutron EB350F Electric Bike comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or replacement parts, please contact Blutron customer service. Our team is dedicated to providing assistance and ensuring your satisfaction.

Contact Information: (Please refer to your purchase documentation or the official Blutron website for the most current contact details.)

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

Answered questions about this manual

I need to replace the charger for my Blutron EB350F electric bike as it does not charge the battery. What is the model number and where can I purchase it?

The user manual for the Blutron EB350F does not list a specific standalone model number for the charger itself. However, it specifies the battery and electrical requirements needed to identify a compatible replacement: Battery Specifications:...

[Read full answer](#)