

## Swagtron EB-7

# Swagtron Swagcycle EB-7 Elite Folding Electric Bike User Manual

Model: EB-7

## 1. INTRODUCTION

Welcome to the user manual for your Swagtron Swagcycle EB-7 Elite Folding Electric Bike. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your electric bike. Please read it thoroughly before your first ride to ensure optimal performance and safety.

The Swagcycle EB-7 Elite is a versatile electric bike designed for commuting and recreational use, offering a blend of traditional cycling and electric power assistance. Its foldable design enhances portability and storage convenience.

## 2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Observe all local traffic laws and regulations. Do not operate the bike under the influence of alcohol or drugs. Regular maintenance checks are crucial for safe operation.

- Always wear a certified helmet.
- Perform pre-ride checks: brakes, tires, battery level, and quick releases.
- Be aware of your surroundings and other road users.
- Do not exceed the maximum weight capacity of 264.5 lbs (120 kg).
- Avoid riding in adverse weather conditions or on slippery surfaces.

## 3. PRODUCT FEATURES

The Swagcycle EB-7 Elite is equipped with advanced features for a comfortable and efficient ride:

- **Powerful Motor:** 350W motor for efficient propulsion.
- **Removable Battery:** 36V 5.2 Ah li-ion battery, fully recharges in 3-4 hours.
- **Multiple Riding Modes:** Choose between throttle-only, pedal-only, or power-assisted pedal-to-go.

- **Folding Design:** Quick-latch, three-fold design for easy storage and transport.
- **Advanced Suspension:** Rear suspension for a smooth ride on various terrains.
- **Dual-Disc Brakes:** Provides reliable stopping power.
- **16-inch Wheels:** Air-filled tires for better traction and stability.
- **Integrated Lighting:** Bright LED headlight and rear reflectors for visibility.



Image: The Swagtron Swagcycle EB-7 Elite Folding Electric Bike in white and blue, showcasing its compact and modern design.

# POWER TO GO THE DISTANCE

Robust eco-friendly 350W motor. Extended 15.5-mile travel range. Max throttle speeds up to 18.6 mph. Kick it up a notch using the pedal-to-go power assist and go even farther and faster.



Image: A detailed view of the Swagtron Swagcycle EB-7 Elite, highlighting its dimensions (44.5" height, 67" length, 16" wheels) and the front and rear disc brakes.

## 4. SETUP

### 4.1 Unboxing and Initial Assembly

The Swagcycle EB-7 Elite comes largely pre-assembled. Carefully remove the bike from its packaging. Unfold the bike by releasing the quick-latch mechanisms on the frame and handlebar stem. Ensure all locking mechanisms are securely engaged before riding.

### 4.2 Charging the Battery

1. Locate the charging port on the bike or remove the battery for external charging.
2. Connect the charger to the battery and then to a standard power outlet.
3. The charging indicator light on the charger will change (e.g., from red to green) when fully charged.
4. A full charge typically takes 3-4 hours.

### 4.3 Tire Pressure Check

Before your first ride, and periodically thereafter, check the tire pressure. Inflate tires to the recommended PSI range (40-65 PSI / 2.8-4.5 BAR) indicated on the tire sidewall. Proper tire pressure ensures optimal performance, range, and safety.

### 4.4 Adjusting Seat Height

Adjust the seat height to a comfortable position that allows for a slight bend in your knee when the pedal is at its lowest point. Secure the seat post quick-release lever firmly.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

To power on the bike, press and hold the power button on the handlebar display. To power off, press and hold the power button again until the display turns off.

### 5.2 Riding Modes

- **Throttle-Only Mode:** Use the throttle on the handlebar to engage the motor and propel the bike without pedaling. Maximum speed up to 18.6 mph.
- **Pedal-Only Mode:** Ride the bike like a traditional bicycle, using only pedal power.
- **Power-Assisted Pedal-to-Go Mode:** The motor provides assistance as you pedal, making it easier to climb hills or maintain speed. Adjust the assist level using the controls on the display.

### 5.3 Braking

The EB-7 Elite is equipped with dual-disc brakes. Apply both front and rear brakes simultaneously and smoothly for effective stopping. Avoid sudden, hard braking, especially at high speeds.

### 5.4 Display Functions

The integrated LED display shows important information such as speed, battery level, and riding mode. Refer to the quick start guide for detailed instructions on navigating the display menus.

## 6. MAINTENANCE

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

- **Cleaning:** Wipe down the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure weekly and inspect for wear or damage.
- **Brakes:** Regularly check brake pads and cables for wear. Ensure brakes are responsive.
- **Chain:** Keep the chain clean and lubricated for smooth operation.
- **Battery Care:** Store the battery in a cool, dry place. Charge it regularly, even if not in use, to maintain battery health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts and fasteners to ensure they are tight.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on.	Battery is low or not properly seated.	Charge the battery. Ensure the battery is securely installed.
Motor not assisting.	Low battery, assist level set to zero, or connection issue.	Check battery charge. Increase assist level on display. Inspect motor connections.
Reduced range.	Low tire pressure, heavy load, frequent use of throttle-only mode, or cold weather.	Inflate tires to recommended PSI. Reduce load. Use pedal-assist more often.
Brakes squeak.	Contamination on pads/rotors, or pads need bedding in.	Clean rotors and pads. Ride and brake gently to bed in new pads. If persistent, consult a bike technician.

For error codes (e.g., E30, E25), consult the full user manual available for download or contact customer support. These often indicate communication errors within the electrical system.

## 8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Name	EB-7
Brand	Swagtron
Motor	350W
Battery	36V 5.2 Ah Li-ion
Charging Time	3-4 hours
Max Speed (Throttle Only)	18.6 MPH / 30 km/h
Mile Range (Throttle Only)	15.5 mi / 24.9 km (varies with individual use)
Wheel Size	16 Inches
Frame Material	Aluminum Alloy
Suspension Type	Rear
Brake Style	Disc
Max. Load	264.5 lbs / 120 kg
Water Resistance	IPX4
Unfolded Dimensions (LxWxH)	67 x 26.3 x 44.5 inches
Folded Dimensions (LxWxH)	39.4 x 17.7 x 27.6 inches
Net Weight	42.3 lbs / 19.2 kg
Included Components	Manual and charger

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

All new Swagtron e-bikes, including the Swagcycle EB-7 Elite, come with a 1-year limited manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.






### 9.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the official Swagtron website or contact their customer support team. You can often find FAQs and additional resources on their support page. For the full user manual in PDF format, please refer to the official product page or the link provided with your purchase.



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### Related Documents - EB-7

	<p><a href="#">SWAGTRON EB-7 Electric Bike User Manual</a></p> <p>User manual for the SWAGTRON EB-7 electric bike, detailing safety, operation, folding, charging, riding, maintenance, specifications, and warranty information.</p>
	<p><a href="#">SWAGTRON EB-7 Electric Bike User Manual</a></p> <p>Comprehensive user manual for the SWAGTRON EB-7 electric bike, covering setup, operation, safety, maintenance, and specifications. Learn how to ride and care for your eBike.</p>
	<p><a href="#">SWAGTRON EB-8 E-Bike User Manual</a></p> <p>Comprehensive user manual for the SWAGTRON EB-8 E-Bike, covering assembly, safety, operation, maintenance, and specifications. Learn how to fold, unfold, charge, and ride your EB-8 safely.</p>
	<p><a href="#">Swagtron EB-5 Pro Plus Folding Electric Bike: Warranty, Assembly, and Riding Guide</a></p> <p>Comprehensive guide for the Swagtron EB-5 Pro Plus folding electric bike, covering its 1-year limited hardware warranty, assembly instructions, safe riding practices, and charging procedures.</p>
	<p><a href="#">SwagCycle Envy Folding Electric Scooter User Manual</a></p> <p>User manual for the SWAGTRON SwagCycle Envy Folding Electric Scooter, covering safety, assembly, charging, riding, maintenance, specifications, and warranty information.</p>



### [SWAGTRON SwagCycle Folding Electric Scooter User Manual](#)

This user manual provides comprehensive instructions for the SWAGTRON SwagCycle Folding Electric Scooter (Model 30512-002), covering product features, safety guidelines, assembly, charging, riding techniques, maintenance, specifications, and warranty information.