

Evobike S6

Evobike S6 Electric Scooter User Manual

Model: S6

1. INTRODUCTION

Thank you for choosing the Evobike S6 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.

The Evobike S6 is designed for adults seeking a fast, practical, and exciting mode of transportation. With a powerful 1200W motor, it offers agile and fluid riding for urban commutes and leisure.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, gloves) when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric scooters.
- Do not ride under the influence of alcohol or drugs.
- Ensure the scooter is in good working condition before each ride. Check brakes, tires, and battery level.
- The maximum weight capacity for the Evobike S6 is **150 kg (330 lbs)**. Do not exceed this limit.
- Avoid riding in heavy rain, snow, or icy conditions. The scooter is not waterproof.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not perform stunts or reckless maneuvers.
- Keep fingers and clothing away from moving parts.

3. PRODUCT OVERVIEW

The Evobike S6 features a robust design with key components for performance and convenience.



Figure 3.1: Side view of the Evobike S6 Electric Scooter, showcasing its overall design, seat, and rear storage box.

S6

Evobike
LLEGA A TU DESTINO

POTENCIA DE
1200W

**AHORRA DINERO
Y TIEMPO**

**ASIENTO PARA
CONDUCTOR**



Figure 3.2: The Evobike S6 highlighting its 1200W motor power and the convenience of a rider's seat. This scooter is designed to save time and money on commutes.



Figure 3.3: Close-up view of the Evobike S6's front and rear disc brakes, along with icons indicating battery (48V/20.8Ah), speed (up to 70 km/hr), and autonomy (45-55 KM).



Figure 3.4: The Evobike S6 featuring its removable seat and the integrated storage box, providing practical solutions for carrying essentials.

4. SETUP AND INITIAL PREPARATION

Before your first ride, follow these steps to prepare your Evobike S6 scooter:

1. **Unboxing:** Carefully remove the scooter and all accessories from the packaging. Retain packaging for future transport or storage.
2. **Assembly:**
 - **Handlebar Installation:** Attach the handlebar to the stem, ensuring all screws are tightened securely.
 - **Seat and Storage Box:** If not pre-installed, attach the seat and the rear storage box. Ensure they are firmly secured. The seat is designed to be removable for convenience.
3. **Initial Charge:** Fully charge the battery before the first use.
 - Locate the charging port, usually near the battery compartment.
 - Connect the charger to the scooter and then to a power outlet.
 - The charging indicator on the charger will change (e.g., red to green) when fully charged.

- Charging time is approximately **5-8 hours**.
4. **Tire Pressure Check:** Ensure tires are inflated to the recommended pressure (refer to tire sidewall for details).
 5. **Brake Check:** Test both front and rear disc brakes to ensure they are functioning correctly and provide adequate stopping power.

5. OPERATING INSTRUCTIONS

Learn how to operate your Evobike S6 for a smooth and enjoyable ride.

5.1 Powering On/Off

- **To Power On:** Press and hold the power button on the handlebar control panel for a few seconds until the LED display illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

5.2 LED Display and Controls



Figure 5.1: The intuitive LED display of the Evobike S6, providing real-time information such as speedometer, kilometers

traveled, light control, and turn signal indicators.

The LED display provides crucial information:

- **Speedometer:** Shows current speed.
- **Battery Level:** Indicates remaining battery charge.
- **Mode/Speed Gear:** Allows switching between 3 speed modes for different riding conditions.
- **Odometer/Trip Meter:** Displays total distance traveled or current trip distance.
- **Light Control:** Button to turn on/off the front LED lights and rear lights.
- **Turn Signals:** Controls for left and right turn indicators.

5.3 Riding the Scooter

1. Place one foot firmly on the deck and push off with the other foot to gain initial momentum.
2. Gently press the throttle lever to engage the motor. Increase throttle gradually for smooth acceleration.
3. Use the handlebar to steer. Lean slightly into turns.
4. To brake, gently squeeze the brake levers on the handlebars. The S6 is equipped with front and rear disc brakes for reliable stopping power.
5. Utilize the LED lights for visibility during low-light conditions and turn signals for indicating direction.

5.4 Folding Mechanism



Figure 5.2: Illustration demonstrating the foldable design of the Evobike S6, making it easy to store and transport. Also shows icons for load capacity (120 kg), weight (37 kg), and charging time (5-8 hours).

The Evobike S6 features a convenient folding design for easy storage and transport:

1. Ensure the scooter is powered off.
2. Locate the folding latch or lever near the base of the handlebar stem.
3. Follow the specific instructions in your quick start guide (if provided) to release the locking mechanism.
4. Carefully fold the handlebar stem down towards the deck until it locks into place.
5. To unfold, reverse the process, ensuring the stem is securely locked in the upright position before riding.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Evobike S6.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Battery Care:**

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery.
- Store the scooter in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.
- **Tires:** Regularly check tire pressure and for any signs of wear or punctures. Replace worn tires promptly.
- **Brakes:** Inspect brake pads and discs for wear. Adjust brake tension as needed to ensure effective stopping. If you notice reduced braking performance, have them serviced by a qualified technician.
- **Fasteners:** Periodically check all screws, bolts, and fasteners to ensure they are tight.
- **Suspension:** The S6 features dual suspension. Keep suspension components clean and free of debris.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose battery connection; faulty power button.	Charge the battery fully. Check battery connections. If problem persists, contact support.
Motor not engaging or weak power.	Low battery; loose motor connection; faulty throttle.	Ensure battery is charged. Check motor wiring. Contact support if throttle is unresponsive.
Brakes feel loose or ineffective.	Brake cable needs adjustment; worn brake pads.	Adjust brake cable tension. Inspect and replace brake pads if worn.
Tires losing air quickly.	Puncture; loose valve stem.	Inspect tires for punctures and repair/replace. Tighten valve stem.
Unusual noises during operation.	Loose components; debris in wheels/motor; worn bearings.	Check all fasteners. Inspect for debris. If noise persists, seek professional inspection.

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

8. SPECIFICATIONS

Detailed technical specifications for the Evobike S6 Electric Scooter:

Feature	Specification
Brand	Evobike
Model Name	S6
Motor Power	Up to 1200W
Max Speed	Up to 50 km/h (31 mph)
Range (Autonomy)	Up to 45-55 km (28-34 miles) per charge
Battery	48V / 20.8 Ah (1 Non-standard battery included)
Charging Time	5-8 hours
Brake Type	Front and Rear Disc Brakes, Electronic Brakes
Suspension	Dual Suspension
Tire Material	Rubber Tires
Wheel Size	183 Centimeters
Maximum Weight Capacity	150 Kilograms (330 lbs)
Product Dimensions (L x W x H)	54 x 29 x 136 cm (21.3 x 11.4 x 53.5 inches)
Product Weight	45 Kilograms (99 lbs)
Material Type	Aluminum
Handlebar Type	Adjustable
Included Components	Storage box, Seat
Color	Orange

9. WARRANTY AND SUPPORT

For warranty information, returns, or technical support, please refer to your purchase documentation or contact Evobike customer service directly. Keep your proof of purchase for any warranty claims.

For general inquiries or to view the return policy, you may visit the Evobike store on Amazon Evobike Amazon Store.