

Joyhis JS03

Joyhis JS03 Electric Scooter User Manual

Model: JS03

Brand: Joyhis

1. INTRODUCTION

Thank you for choosing the Joyhis JS03 Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The Joyhis JS03 is designed for adults, featuring a powerful 350W motor, 8.5-inch solid tires, and smart app control. It offers a maximum speed of 19 mph and a range of 15-19 miles, making it suitable for commuting and short trips.



Image 1.1: The Joyhis JS03 Electric Scooter, showcasing its design and the accompanying mobile application interface.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to local laws and regulations regarding electric scooter usage. Failure to follow these instructions may result in serious injury or property damage.

- Always wear a helmet and other protective gear (knee pads, elbow pads) while riding.

- Do not ride in heavy rain, snow, or icy conditions.
- Avoid riding on uneven surfaces, potholes, or obstacles.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not perform stunts or sudden maneuvers.
- Ensure the scooter is fully charged and all components are secure before each ride.
- The scooter is equipped with a double braking system (disc braking and EABS regenerative anti-lock braking) and warning taillights and ultra-bright headlights for enhanced safety.
- Maximum load capacity is 264 lbs (120 kg). Do not exceed this limit.

3. PACKAGE CONTENTS

Upon opening your Joyhis JS03 Electric Scooter package, please verify that all the following items are included:

- Joyhis JS03 Electric Scooter (main body)
- Handlebar assembly
- Charging adapter
- User Manual
- Assembly tools (screws, hex wrench)
- Optional seat (if purchased)

4. ASSEMBLY INSTRUCTIONS

The Joyhis JS03 Electric Scooter comes mostly pre-assembled. Follow these steps to complete the setup:

1. **Unfold the Scooter:** Carefully lift the stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
2. **Attach the Handlebar:** Align the handlebar with the stem and gently slide it into place. Ensure the cables are not pinched.
3. **Secure the Handlebar:** Use the provided screws and hex wrench to firmly attach the handlebar to the stem. Tighten all screws evenly.
4. **Initial Charge:** Before first use, fully charge the scooter's battery. Refer to the "Charging the Battery" section for details.



Image 4.1: Scooter dimensions for reference during assembly and storage. The scooter measures approximately 42 inches long, 17 inches wide, and 44 inches high when unfolded.

5. CHARGING THE BATTERY

To ensure the longevity and performance of your scooter's battery, follow these charging guidelines:

- **First Use:** It is crucial to fully charge the battery before its initial use. This helps to calibrate the battery and prolong its life and capacity.

- **Charging Process:**

- a. Locate the charging port on the scooter.
- b. Connect the charging adapter to the port.
- c. Plug the adapter into a standard electrical outlet.
- d. The indicator light on the charger will typically show red during charging and turn green when fully charged.

- **Charging Time:** A full charge typically takes approximately 5 hours.

- **Battery Life:** A fully charged battery provides a range of 15-19 miles, depending on speed, road conditions, and rider weight.



Image 5.1: Illustration of the scooter's high-quality lithium battery, indicating a 5-hour fast charging time and a maximum range of 15-22 miles.

6. OPERATING INSTRUCTIONS

Familiarize yourself with the scooter's controls and features before riding.

6.1 Power On/Off

Press and hold the power button on the handlebar to turn the scooter on or off. The digital display will illuminate when powered on.

6.2 Riding Modes

The scooter typically features multiple riding modes (e.g., Eco, Standard, Sport) to adjust speed and power output. These can often be switched via the power button or the mobile app. Refer to the app control section for more details.

6.3 Acceleration and Braking

- **Acceleration:** Gently press the throttle lever (usually on the right handlebar) to accelerate.
- **Braking:** Use the brake lever (usually on the left handlebar) to engage the disc brake and EABS regenerative anti-lock braking system. Apply brakes smoothly to avoid sudden stops.



Image 6.1: The scooter's safe light indicator system, featuring a bright taillight on the rear fender and an LED headlight on the front for visibility.

6.4 Folding Mechanism

The JS03 features a one-step folding design for easy storage and transport. Locate the folding latch on the stem, release it, and fold the stem down until it clicks into place. Weighing only 27.55 lbs, it is compact enough to fit in a car trunk.



Image 6.2: The Joyhis electric scooter in its folded state, being carried by a person, demonstrating its portability.

7. SMART APP CONTROL

Enhance your riding experience by connecting your Joyhis JS03 Electric Scooter to the dedicated mobile application (e.g., "Vicont" APP).

- **Pairing:** Simply pair the electric scooter APP with your smartphone via Bluetooth.
- **Features:** The app allows you to:
 - Select riding modes.
 - Control the light system (headlight on/off).
 - Adjust speed limits.
 - Activate cruise control.
 - Monitor scooter status and battery level.
 - Lock/unlock the motor (the app will remind you if the scooter is moved while locked).
 - Access location records and personal riding data (requires account registration).

Smart App Control

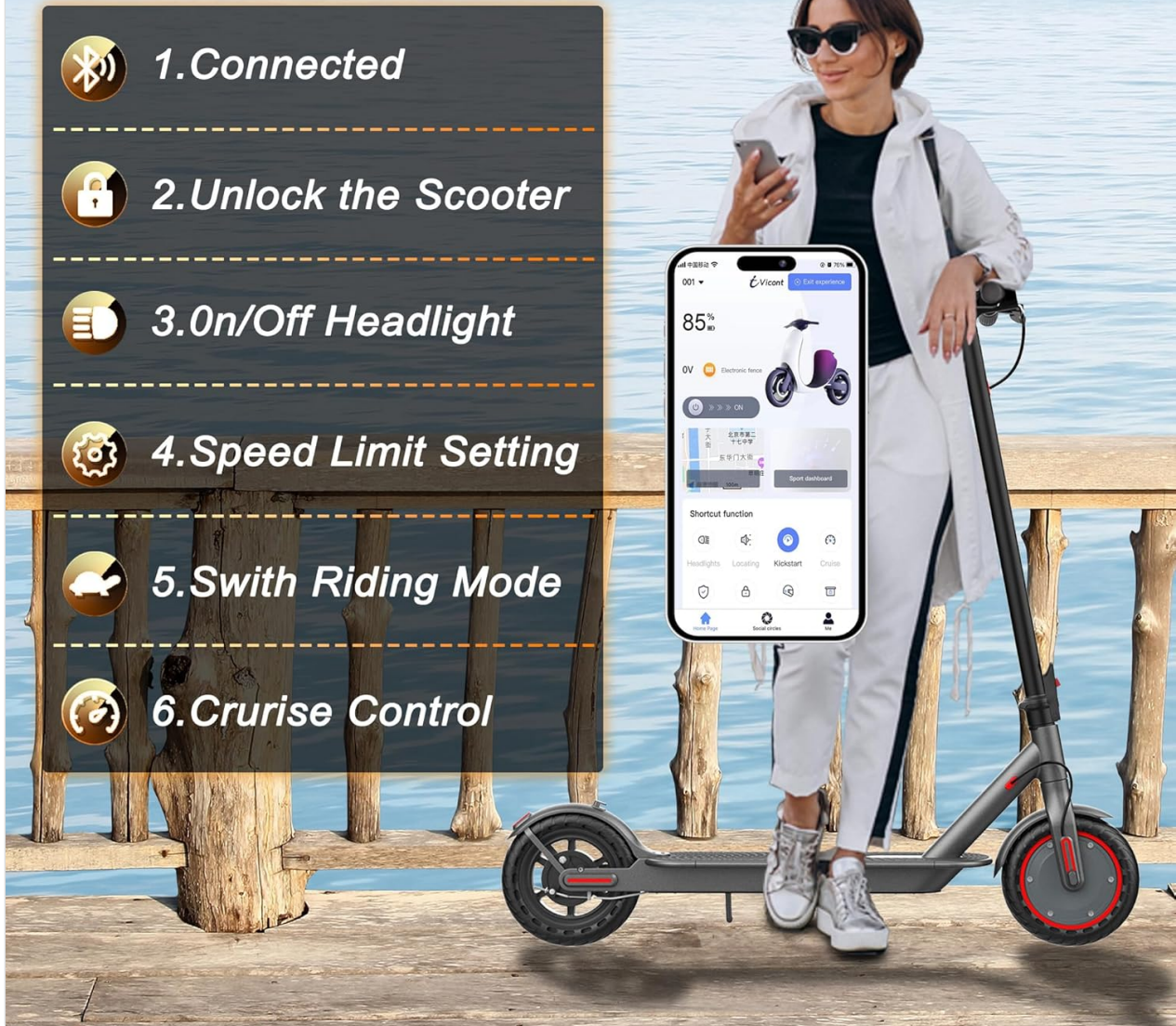


Image 7.1: Smart App Control interface, demonstrating options for connecting, unlocking, controlling lights, setting speed limits, switching riding modes, and cruise control.

8. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Joyhis JS03 Electric Scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.
- **Tires:** The scooter is equipped with 8.5-inch maintenance-free solid tires, eliminating the need for inflation and reducing the risk of punctures. Regularly inspect them for wear and tear.
- **Brakes:** Periodically check the brake system for proper function. Ensure brake levers are responsive and brake pads are not excessively worn.
- **Battery Care:**
 - Avoid completely draining the battery.

- Store the scooter in a cool, dry place when not in use for extended periods, with the battery charged to approximately 50-70%.
- Charge the battery at least once every three months if not used regularly.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your Joyhis JS03 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose connections.	Charge the battery fully. Check all cable connections.
Scooter not accelerating.	Throttle issue; P-mode engaged; motor lock activated via app.	Ensure throttle is functioning. If stuck in P-mode, refer to app or manual for reset procedure. Check app for motor lock status.
Reduced range or speed.	Low battery; riding conditions (uphill, heavy load); tire wear.	Fully charge battery. Adjust riding style. Inspect tires.
Brakes feel weak.	Brake pads worn; cable adjustment needed.	Inspect brake pads and replace if necessary. Adjust brake cable tension.

10. SPECIFICATIONS

Detailed technical specifications for the Joyhis JS03 Electric Scooter:

- **Model Name:** JS03 electric scooter
- **Brand:** Joyhis
- **Motor Power:** 350W
- **Max Speed:** 19 mph (30.5 km/h)
- **Max Distance Range:** 15-19 miles (24-30 km)
- **Battery:** High capacity lithium-ion (7.8AH)
- **Charging Time:** Approximately 5 hours
- **Weight Limit:** 264 lbs (120 kg)
- **Item Weight:** 27.55 lbs (12.5 kg)
- **Product Dimensions (LxWxH):** 42" x 17" x 44.49" (107cm x 43cm x 113cm)
- **Wheel Size:** 8.5 Inches

- **Wheel Type:** Solid (Maintenance-free)
- **Brake Style:** Dual Braking System (Front Braking, Rear Braking - Disc and EABS regenerative anti-lock)
- **Frame Material:** Aluminum
- **Special Features:** Cruise Control, Digital Display, Dual Braking System, Foldable, Lightweight, Smart App Control



Image 10.1: Illustration of the 350W high-performance motor integrated into the scooter's wheel hub.

11. WARRANTY AND SUPPORT

Joyhis is committed to providing quality products and customer satisfaction.

- **Warranty:** The Joyhis electric scooter offers a 12-month or 180-day warranty for different parts. The general warranty description is 1 year. Please refer to your purchase documentation for specific warranty details.
- **Customer Support:** If you encounter any problems or have questions regarding your scooter, please do

not hesitate to contact us. We aim to respond within 24 hours and provide assistance.

- **Contact Information:** Please refer to the contact details provided on your purchase receipt or the official Joyhis website for support.