Joyhis JS03

Joyhis JS03 Electric Scooter User Manual

Model: JS03

1. Introduction

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



Image 1.1: Joyhis JS03 Electric Scooter with its accompanying mobile application interface.

Key Features:

- Powerful 350W Motor for efficient travel.
- Maximum speed of 19 mph.
- Range of 15-19 miles on a single charge.

- Durable 8.5-inch solid tires for maintenance-free riding.
- Smart APP control for personalized settings and monitoring.
- Convenient one-step folding design for portability.
- UL2272 certified for electrical safety.
- Dual braking system (disc braking and EABS regenerative anti-lock braking) for enhanced safety.

2. Safety Information

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

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Ensure the scooter is fully charged before use, especially for the first time, to maintain battery health.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Perform a pre-ride check: verify brake functionality, tire condition, and battery level.
- Avoid riding in heavy rain or through deep puddles, despite the IP65 water resistance, to prevent damage.
- Do not exceed the maximum load capacity of 264 lbs (120 kg).
- Utilize the dual braking system for effective stopping. The scooter features both disc braking and EABS regenerative anti-lock braking.
- Be visible: The scooter is equipped with ultra-bright headlights and warning taillights. Use them, especially during low-light conditions.



Image 2.1: The scooter's brilliant light system, featuring an ultra-bright headlight and a warning taillight for night safety.

3. Setup

The Joyhis JS03 Electric Scooter comes largely pre-assembled. Follow these steps for initial setup:

1. **Unboxing:** Carefully remove the scooter and all accessories from the packaging.
2. **Handlebar Assembly:** Attach the handlebar to the main stem. Secure it using the provided screws. Ensure all screws are tightened properly.
3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and then to a power outlet. The charging indicator will change when fully charged (typically within 5 hours). This initial full charge is crucial for battery longevity.
4. **Folding Mechanism Check:** Familiarize yourself with the one-step folding design. Ensure the locking mechanism engages securely when unfolded and folded.



Image 3.1: The scooter features a portable one-step folding design for easy storage and transport.

4. Operating Instructions

4.1 Power On/Off

- **To Power On:** Press and hold the power button on the display until the screen illuminates.
- **To Power Off:** Press and hold the power button until the display turns off.

4.2 Riding Modes

The Joyhis JS03 offers four riding modes to suit different preferences and conditions. These can be selected via the scooter's display or through the dedicated mobile application.



Image 4.1: Four distinct riding modes are available to match various riding styles and needs.

- **W (Stroll Mode):** Approximately 3 mph max speed (requires APP setting). Ideal for pedestrian areas or learning.
- **E (ECO Mode):** Approximately 8 mph max speed. For extended range and energy efficiency.
- **D (Comfort Mode):** Approximately 12 mph max speed. A balanced mode for daily commuting.
- **S (Sport Mode):** Approximately 19 mph max speed. For maximum performance and speed.

4.3 Smart APP Control

Pair your scooter with the dedicated mobile application via Bluetooth for enhanced control and monitoring:

- Select riding modes.
- Control the light system.
- Adjust speed levels.
- Activate/deactivate cruise control.
- Monitor scooter status and battery display.
- Lock/unlock the scooter for security.

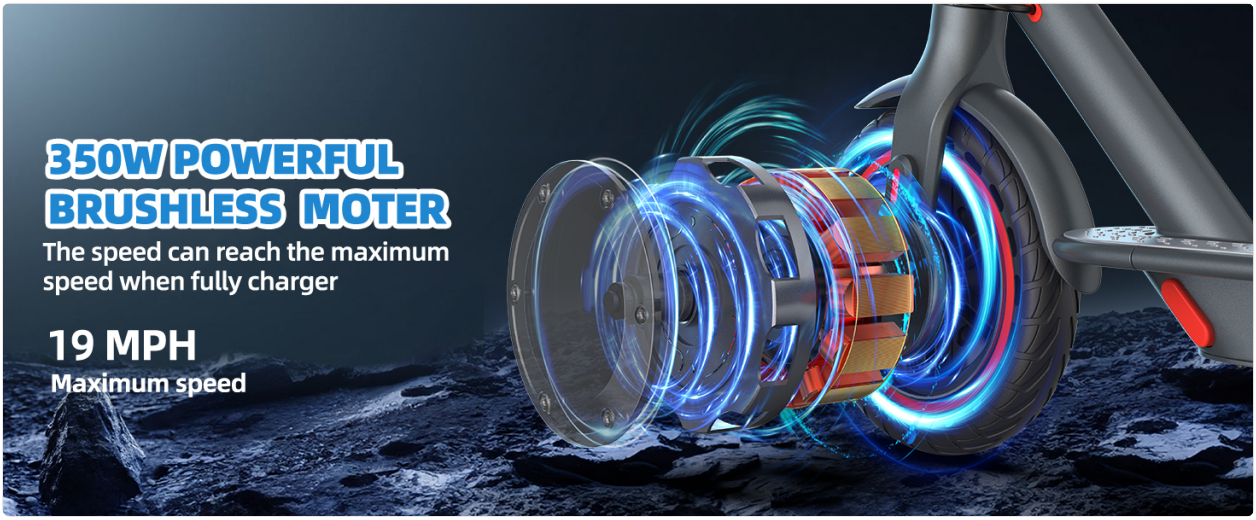


Image 4.2: The smart APP control provides a comprehensive riding assistant for your Joyhis JS03 scooter.

4.4 Braking System

The scooter is equipped with a dual braking system for reliable stopping power:

- **Front Braking:** Electronic brake.
- **Rear Braking:** Drum brake.

Always apply brakes smoothly and gradually. Avoid sudden braking, especially at high speeds, to prevent loss of control.



Image 4.3: The scooter's electronic front brake and drum rear brake system ensure safe and effective stopping.

5. Maintenance

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

- **Battery Care:** Always charge the battery fully before its first use. Avoid completely draining the battery and store the scooter with a partial charge if not used for extended periods.
- **Tires:** The scooter features 8.5-inch maintenance-free solid honeycomb tires, eliminating the need for inflation and reducing puncture risks. Regularly inspect them for wear or damage.
- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Brakes:** Periodically check the brake levers and cables for proper tension and responsiveness. Ensure the disc brake is clean and free from debris.
- **Folding Mechanism:** Keep the folding mechanism clean and lubricated to ensure smooth operation.
- **General Inspection:** Regularly check all screws and bolts for tightness. Ensure all components are securely fastened.



Image 5.1: The 8.5-inch maintenance-free honeycomb solid tires provide durability and a smooth ride.

6. Troubleshooting

If you encounter issues with your Joyhis JS03 Electric Scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; loose connections; power button malfunction.	Charge the battery fully. Check all visible connections. If the issue persists, contact customer support.
Reduced range or speed	Low battery; riding conditions (uphill, heavy load); tire wear.	Ensure battery is fully charged. Adjust riding style or route. Inspect tires for excessive wear.
Brakes not responsive	Brake cable loose; brake pads worn; debris in brake mechanism.	Check brake cable tension. Inspect brake pads. Clean brake components. If unsure, seek professional assistance.

Problem	Possible Cause	Solution
App connectivity issues	Bluetooth off; scooter out of range; app glitch.	Ensure Bluetooth is enabled on your smartphone and the scooter is powered on and nearby. Restart the app and scooter.
Scooter enters 'P' mode or locked state	Safety feature activated; electronic fence boundary exceeded.	Consult the mobile application or manufacturer's support for specific reset procedures for 'P' mode. Ensure you are within the designated operating area if an electronic fence is active.

For issues not listed here or if solutions do not resolve the problem, please contact Joyhis customer support.

7. Specifications

Detailed technical specifications for the Joyhis JS03 Electric Scooter:

Feature	Specification
Brand	Joyhis
Model Name	JS03
Motor Power	350W
Maximum Speed	19 mph (30.5 km/h)
Maximum Range	15-19 miles (24-30 km)
Battery Type	High capacity lithium-ion (36V/7.8AH)
Charging Time	Approximately 5 hours
Weight Limit	264 Pounds (120 kg)
Item Weight	27.6 Pounds (12.5 kg)
Wheel Size	8.5 Inches
Tire Type	Solid Honeycomb (Maintenance-free)
Braking System	Front Electronic Brake, Rear Drum Brake
Product Dimensions (L x W x H)	42" x 17" x 44.49" (107cm x 43cm x 113cm)
Frame Material	Aluminum
Special Features	Cruise Control, Digital Display, Dual Braking System, Foldable, Lightweight, APP Control
Certifications	UL2272



Image 7.1: Key dimensions of the Joyhis JS03 Electric Scooter.

8. Warranty and Support

8.1 Warranty Information

Joyhis electric scooters come with a limited warranty. Specific parts may have different warranty periods:

- **General Warranty:** 12 months from the date of purchase.
- **Specific Parts:** 180 days for certain components.

Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

8.2 Customer Support

Should you encounter any problems or have questions regarding your Joyhis JS03 Electric Scooter, please do not hesitate to contact our customer support team. We are committed to responding to your inquiries within 24 hours and providing assistance.

For support, please refer to the contact information provided on the product packaging or the official Joyhis website.

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