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> [JOYOR Electric Scooter S10-S User Manual](#)

JOYOR S10-S

JOYOR Electric Scooter S10-S User Manual

Model: S10-Dual 1000W Motor

Brand: JOYOR

1. INTRODUCTION

Thank you for choosing the JOYOR Electric Scooter S10-S. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: JOYOR S10-S Electric Scooter. This image shows the overall design of the scooter, highlighting its robust frame and off-road tires.

2. SAFETY GUIDELINES

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

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Do not ride in heavy rain, snow, or icy conditions. The scooter is not designed for prolonged exposure to water.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Perform a pre-ride check: ensure brakes are functional, tires are properly inflated, and all components are secure.
- Avoid riding under the influence of alcohol or drugs.
- The maximum load capacity is 265 lbs (120 kg). Do not exceed this limit.
- Children under the age of 16 should not operate this scooter.

3. PACKAGE CONTENTS

Upon unboxing, ensure all items listed below are present:

- JOYOR Electric Scooter S10-S (main unit)
- Charger
- User Manual (this document)
- Installation Tools (Allen key/hex key tool)
- Spare Inner Tube

4. SETUP & ASSEMBLY

The JOYOR S10-S comes mostly pre-assembled. Follow these steps for final assembly:

1. **Unboxing:** Carefully remove the scooter from its packaging. The box is designed to be opened from the bottom for easier removal due to the scooter's weight. Remove all protective foam and plastic wrapping.
2. **Unfolding the Scooter:**
 - Step on the scooter's deck with one foot.
 - Push the steering column forward firmly with your hands until it locks into the upright position.
 - Ensure the safety latch on the folding mechanism is securely engaged.
3. **Attaching the Handlebar:**
 - Loosen the top screw on the handlebar stem until the extension tube can be moved freely.
 - Pull the extension tube upwards to your desired height.
 - Tighten the top screw to secure the handlebar in place.
 - Attach the handlebars to the stem using the provided screws and Allen key. Ensure all screws are tightened securely.
4. **Initial Charge:** Before your first ride, fully charge the scooter's battery. Refer to the "Battery Performance & Charging" section for details.
5. **Tire Pressure Check:** Verify that the tires are inflated to the recommended pressure.

One-step folding system for easy transport



27kg
N.Weight



Open size: 1215 x 610 x 1230 mm
Folded size: 1120 x 610 x 525 mm
Packing size: 1190 x 245 x 500 mm

Figure 2: One-step folding system. This image illustrates the scooter in its folded state, highlighting its compact design for transport and storage.



Figure 3: *Unfolding Skills*. This diagram provides a visual guide on how to properly unfold and secure the scooter's stem.

5. OPERATING INSTRUCTIONS

5.1. Controls & Display

The scooter is equipped with an intelligent LCD meter that displays vital information and controls.



Figure 4: *Intelligent LCD Instrument*. This image shows the scooter's handlebar with the LCD display, indicating controls for horn, turn signals, smart meter, headlight switch, and throttle switch.

- **LCD Meter:** Shows instant speed, speed mode, battery life, lighting status, and trip distance.
- **Power Button:** Press and hold to turn the scooter on/off.
- **Mode Button:** Cycle through different speed modes (e.g., Eco, Standard, Sport).
- **Throttle Lever:** Located on the right handlebar, controls acceleration.
- **Brake Levers:** Located on both handlebars, activate the hydraulic disc brakes.
- **Horn Button:** Activates the horn.

- **Light Switch:** Turns headlights and taillights on/off.
- **Turn Signal Buttons:** Activate left and right turn indicators.

5.2. Starting the Scooter

To start riding, ensure the scooter is powered on. The S10-S typically requires a kick-start in Eco mode (default) before the throttle engages. For immediate throttle response, you may need to adjust P-settings (refer to advanced settings in the video for details, but proceed with caution).

5.3. Riding Modes & Acceleration

The S10-S features dual 1000W brushless motors, providing powerful acceleration and climbing ability. It can reach speeds up to 37 MPH (60 km/h) and handle inclines of up to 30 degrees.

- **Single Motor Mode:** Default operation, suitable for general cruising and maximizing range.
- **Dual Motor Mode:** Press and hold the '+' button on the control panel to activate both motors for maximum power and acceleration. This mode is ideal for climbing steep hills or achieving top speeds.

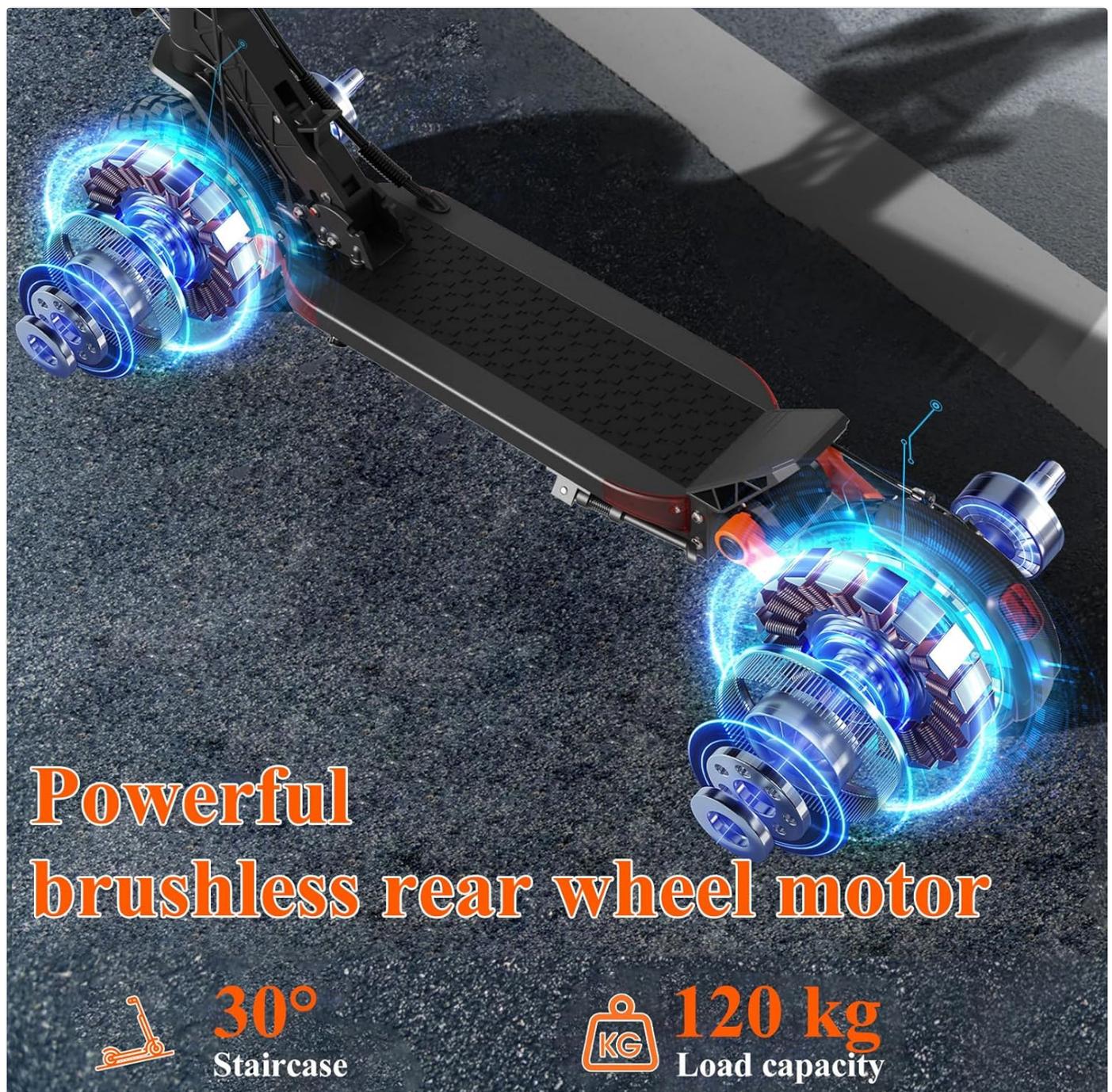


Figure 5: Powerful Brushless Motors. This image highlights the dual motor setup, emphasizing the scooter's power and ability to handle

inclines and heavy loads.

Your browser does not support the video tag.

Video 1: JOYOR S10-S Electric Scooter Overview. This video provides a general overview of the S10-S electric scooter, showcasing its features and capabilities in various environments.

6. BATTERY PERFORMANCE & CHARGING

The S10-S is equipped with a high-capacity 60V 18Ah lithium battery, offering a long range of up to 54 miles (85 km) under specific road and weather conditions. Actual range may vary based on rider weight, terrain, speed, and riding mode.

- **Charging Time:** A full charge typically takes 10-12 hours.
- **Charging Procedure:**
 - Ensure the scooter is turned off before charging.
 - Locate the charging port (usually on the side of the deck).
 - Connect the charger to the scooter, then plug it into a power outlet.
 - The charger indicator light will show charging status (e.g., red for charging, green for fully charged).
 - Do not overcharge the battery. Disconnect the charger once fully charged.

High-performance lithium Long-lasting battery

60V 18A

Lithium battery

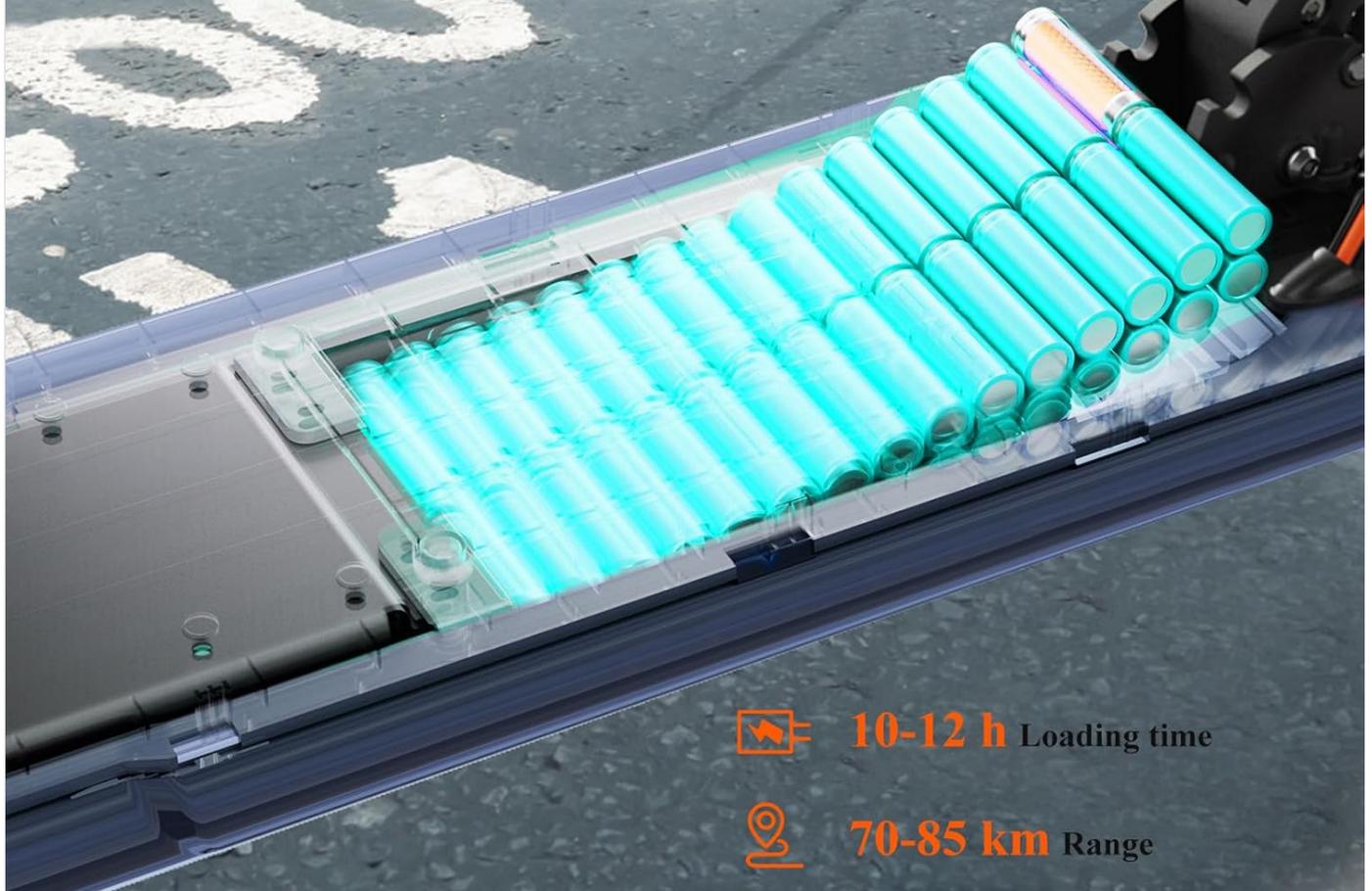


Figure 6: High-Performance Lithium Battery. This image displays the internal battery pack, emphasizing its capacity and long-lasting performance.

7. SUSPENSION & COMFORT

The S10-S features excellent front and rear shock absorbers, providing maximum rider comfort even on uneven road conditions. The 10-inch pneumatic off-road tires with deeper lines offer superior anti-seismic and anti-slip performance.



Figure 7: Dual Suspension System. This image highlights the front and rear suspension components, demonstrating their role in absorbing shocks for a smoother ride.

8. HANDLING & ERGONOMICS

The scooter is designed for a comfortable and stable riding experience. The wide deck and anti-skid pedal provide ample foot space and grip. The handlebar height is adjustable to suit different riders.

- **Deck Design:** Wide and anti-skid for secure footing.
- **Handlebar:** Adjustable height for ergonomic riding.
- **Lighting:** Equipped with LED headlights and taillights with left and right steering indicators for safe night riding. The stoplight automatically activates during braking.

Safe Driving at Night



Figure 8: Safe Driving at Night. This image showcases the scooter's integrated LED headlights, taillights, and flashing side lights, ensuring visibility during nighttime rides.

9. BRAKES & TIRES

The S10-S is equipped with a hydraulic brake system for quick and responsive stopping power, enhancing safety. The 10-inch pneumatic off-road tires are designed for various terrains.

- **Braking System:** Hydraulic disc brakes on both front and rear wheels.
- **Tires:** 10-inch pneumatic solid tires, providing excellent grip and shock absorption.

10. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Tire Pressure:** Check tire pressure regularly and inflate to the recommended PSI (refer to tire sidewall for exact

value).

- **Brake Check:** Periodically inspect brake pads and discs for wear. Ensure brake levers operate smoothly.
- **Fasteners:** Check all screws and bolts for tightness before each ride.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

11. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections	Charge battery; Check all cable connections.
Reduced range or power	Low tire pressure; Overloaded; Battery degradation	Inflate tires; Reduce load; Contact support for battery check.
Brakes not effective	Worn brake pads; Low hydraulic fluid; Misaligned disc	Inspect/replace pads; Check fluid level; Adjust disc alignment.
Unusual noises during ride	Loose components; Debris in wheels/brakes	Check all fasteners; Inspect wheels/brakes for foreign objects.

12. SPECIFICATIONS

Feature	Detail
Brand	JOYOR
Model Name	S10-S
Motor Power	Dual 1000W Brushless Motors (2000W total)
Max Speed	Up to 37 MPH (60 km/h)
Battery	60V 18Ah Lithium Battery
Max Range	Up to 54 Miles (85 km)
Charging Time	10-12 Hours
Max Load	265 Pounds (120 kg)
Tires	10-inch Pneumatic Off-Road Tires
Suspension	Front and Rear Dual Shock Absorption
Brake Style	Hydraulic Disc Brakes (Front & Rear)
Folding Mechanism	One-step folding system
Product Dimensions (Unfolded)	48"L x 24"W x 48"H
Item Weight	59.5 Pounds (27 kg)
Frame Material	Aluminum

Feature	Detail
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Special Feature	Foldable
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13. WARRANTY & SUPPORT

JOYOR offers a warranty for different parts of the scooter, ranging from 3 months to 1 year. Please refer to the detailed warranty information provided in your user manual for specific terms and conditions.

For technical support, warranty claims, or any inquiries, please contact JOYOR customer service through the retailer where you purchased the product or visit the official JOYOR website.

Online Support: [Visit the JOYOR Store on Amazon](#)