isinwheel S9 Pro

isinwheel S9 Pro Electric Scooter User Manual

Model: S9 Pro | Brand: isinwheel

1. Safety Information

Before operating your isinwheel S9 Pro Electric Scooter, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or damage to the scooter.

General Safety Guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Obey all local traffic laws and regulations. Riding on public roads may be restricted in some areas.
- Do not ride in wet conditions, heavy rain, or through puddles. Water damage is not covered by warranty.
- The maximum weight capacity for this scooter is 100 kg (220 lbs). Do not exceed this limit.
- Avoid riding on uneven surfaces, steep inclines, or over obstacles that could cause loss of control.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not allow children under the age of 16 to operate the scooter.
- Perform a pre-ride check before each use, including brakes, tires, and folding mechanism.



The isinwheel S9 Pro features a dual braking system for enhanced safety, including both front and rear braking capabilities.

2. Product Overview

The isinwheel S9 Pro is a lightweight and foldable electric scooter designed for daily commuting and leisure. It features a robust aluminum frame, an 8.5-inch inflatable tire system, and a powerful motor for efficient travel.



The isinwheel S9 Pro electric scooter, featuring app connectivity for smart control.

Key Features:

- **Lightweight and Foldable:** Weighing only 12 kg, it's highly portable for easy transport and storage.
- **Quick Charging:** Fully charges in 5 to 6 hours.
- **Multiple Speed Modes:** Offers 3 speed modes: 6 km/h (ECO), 15 km/h (D), and 25 km/h (S) to suit different riding needs.
- **Enhanced Safety Features:** Equipped with a bright front headlight, high-brightness rear taillight, and a non-zero start mode (assisted start at 6 km/h).
- **Long Range:** A 250W motor and 36V 5.2Ah battery provide a range of 20 to 30 km.
- **App Control:** Connects to a smartphone application for advanced settings and monitoring.
- **Shock Absorber:** Features front suspension for a smoother ride.



Overview of the S9 Pro's performance capabilities and smart battery management system (BMS).

Components:

- **Handlebars:** Includes grips, brake lever, accelerator, and LED display.
- **LED Display:** Shows speed, battery level, and riding mode.
- **Brake Lever:** Controls the dual braking system.
- **Accelerator:** Thumb-operated lever to control speed.
- **Folding Mechanism:** Allows for quick and easy folding of the stem.
- **Front Wheel:** 8.5-inch inflatable tire with front suspension.
- **Rear Wheel:** 8.5-inch inflatable tire with integrated motor and rear brake.
- **Kickstand:** For convenient parking.
- **Headlight & Taillight:** For visibility and safety.

Detailed view of the handlebar controls, including the LED display, brake, and accelerator.



Detail of the scooter's rear suspension for improved ride comfort.

3. Setup and Assembly

Your isinwheel S9 Pro scooter comes mostly assembled. Follow these steps to complete the setup and prepare for your first ride.

Unboxing:

1. Carefully remove the scooter and all accessories from the packaging.
2. Check for any visible damage during shipping. Contact customer support immediately if any damage is found.
3. Verify that all components listed in the packing list are present.

Assembly:

1. **Unfold the Scooter:** Place the scooter on a flat surface. Release the folding latch and carefully lift the handlebar stem until it locks into the upright position. Ensure the latch is securely engaged.
2. **Attach the Handlebars:** Insert the handlebar assembly onto the stem. Align the grooves and push down firmly. Secure it with the provided screws using the included Allen wrench. Ensure the handlebars are stable and do not wobble.
3. **Check Connections:** Verify that all cables (brake, accelerator, display) are securely connected and not pinched.

Initial Charge:

Before first use, fully charge the scooter's battery.

1. Locate the charging port, usually on the side of the deck.
2. Connect the charger to the scooter, then plug the charger into a standard power outlet.
3. The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
4. A full charge takes approximately 5-6 hours. Do not overcharge.

4. Operation Guide

Familiarize yourself with the controls and riding modes before your first ride.

Power On/Off:

- To power on: Press and hold the power button on the LED display for a few seconds.
- To power off: Press and hold the power button again until the display turns off.

Riding Modes:

The S9 Pro offers three speed modes:

- **ECO Mode (6 km/h):** Energy-saving mode, suitable for beginners or crowded areas.
- **D Mode (15 km/h):** Standard mode for balanced speed and range.
- **S Mode (25 km/h):** Sport mode for maximum speed and performance.

To switch modes, short press the power button while the scooter is on.

Starting the Ride (Non-Zero Start):

The S9 Pro features a non-zero start for safety. To engage the motor:

1. Push off with your foot to gain an initial speed of at least 6 km/h.
2. Once moving, press the accelerator lever to engage the motor and maintain speed.

Braking:

To slow down or stop, gently press the brake lever on the handlebars. Apply gradual pressure for smooth braking. For emergency stops, apply firm pressure to the brake lever.

App Control:

Download the official isinwheel app (MiniRobot APP) from your smartphone's app store (Google Play or Apple App Store). The app allows you to:

- View real-time speed and battery status.
- Adjust riding modes and speed limits.
- Enable/disable cruise control.
- Lock the scooter for security.
- Monitor mileage and other riding data.



The companion app provides various settings and controls for your scooter.

Folding and Unfolding:

- **Folding:** Ensure the scooter is powered off. Locate the folding latch/lever on the stem. Release it and carefully fold the stem downwards until it clicks into place, securing it to the rear fender.
- **Unfolding:** Release the latch securing the stem to the rear fender. Lift the stem upwards until it locks into the upright riding position. Ensure the main folding latch is securely engaged before riding.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your isinwheel S9 Pro scooter.

Battery Care:

- Charge the battery fully after each use, especially if storing for extended periods.
- Do not allow the battery to completely drain.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for a long time, charge the battery to about 50-70% every 2-3 months.

Tire Maintenance:

The S9 Pro uses 8.5-inch inflatable tires.

- Regularly check tire pressure and inflate to the recommended PSI (usually indicated on the tire sidewall or in the manual). Proper inflation improves ride quality and range.
- Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

Brake System:

- Regularly check the brake lever for proper tension and responsiveness.
- Ensure brake pads are not excessively worn. Replace them if necessary.
- If braking feels weak or inconsistent, have the brake system inspected by a qualified technician.

Cleaning:

- Wipe down the scooter with a damp cloth after use.
- Do not use high-pressure water jets or immerse the scooter in water.
- Avoid using harsh chemicals or abrasive cleaners.

General Inspection:

- Periodically check all screws and bolts for tightness.
- Ensure the folding mechanism operates smoothly and locks securely.
- Inspect cables for fraying or damage.

6. Troubleshooting

This section addresses common issues you might encounter with your isinwheel S9 Pro scooter.

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connections; Power button malfunction	Charge the battery fully; Check all cable connections; Contact support if issue persists.
Short battery range	Under-inflated tires; Riding uphill frequently; Heavy load; Cold weather; Old battery	Check and inflate tires to correct PSI; Ride on flatter terrain; Reduce load; Battery performance decreases in cold; Consider battery replacement if old.

Problem	Possible Cause	Solution
Motor not engaging	Non-zero start not met; Accelerator issue; Motor fault	Ensure you push off to at least 6 km/h before pressing accelerator; Check accelerator cable; Contact support.
Brakes feel weak	Brake pads worn; Brake cable loose; Brake system needs adjustment	Inspect brake pads and replace if worn; Adjust brake cable tension; Seek professional adjustment.
Unusual noises	Loose components; Debris in wheels; Motor issue	Check all bolts and screws; Inspect wheels for foreign objects; Contact support if motor noise.

7. Specifications

Detailed technical specifications for the isinwheel S9 Pro Electric Scooter.

Specification	Detail
Model Name	S9 Pro
Brand	isinwheel
Age Range (Description)	Adult
Color	Green
Frame Material	Aluminum
Wheel Material	Rubber
Wheel Size	8.5 Inches
Number of Wheels	2
Motor Power	250W
Battery	36V 5.2Ah (Lithium-ion)
Charging Time	5-6 hours
Max Speed	25 km/h (15.5 mph)
Range	20-30 km (12.4-18.6 miles)
Max Weight Capacity	100 Kilograms (220 lbs)
Brakes	Rear Braking, Front Braking (Dual Braking System)
Suspension	Front Suspension
Special Features	Lights (Headlight, Taillight), App Control
Product Dimensions (L x W x H)	106.7 x 43.2 x 114.3 cm (42 x 17 x 45 inches)
Folded Height	19 inches (approx.)

Specification	Detail
Item Weight	15.72 kilograms (34.6 lbs)



Detailed dimensions of the isinwheel S9 Pro electric scooter.

8. Warranty and Support

For warranty information, technical support, or service inquiries, please contact isinwheel customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Contact Information:

- Refer to the contact details provided in your product packaging or on the official isinwheel website.
- When contacting support, please provide your scooter's model number (S9 Pro) and ASIN (B0BLD1ZRP1) for faster service.

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