iScooter i9M(500W,18miles)

iScooter i9M Electric Scooter User Manual

This manual provides detailed instructions for the safe operation, maintenance, and troubleshooting of your iScooter i9M Electric Scooter.

1. Product Overview

The iScooter i9M is a foldable electric scooter designed for efficient commuting and recreational use. It combines portability with robust performance, making it an ideal choice for adults and teens.

- **Powerful Motor:** Equipped with a 500W brushless motor, capable of reaching speeds up to 22 MPH.
- **Extended Range:** High-capacity 36V/7.5AH battery provides a maximum travel range of 18 miles.
- **Smart APP Control:** Connect via Bluetooth to the Tuya APP for functions like lock/unlock, light control, speed settings, and cruise control.
- **Comfortable Ride:** Features 10-inch pneumatic tires and rear suspension for a smooth experience on various terrains.
- **Portable Design:** One-step folding mechanism allows for quick folding in 3 seconds, weighing only 29 lbs for easy transport.
- **Enhanced Safety:** Includes warning taillights, ultra-bright headlights, and a double braking system (disc braking and EABS regenerative anti-lock braking).



Figure 1.1: The iScooter i9M Electric Scooter, showcasing its design and foldable nature.



Figure 1.2: Key performance metrics of the iScooter i9M, including max speed, travel distance, motor power, and battery capacity.

2. Safety Guidelines

Your safety is paramount. Please read and adhere to all safety guidelines before operating the scooter.

- **Wear Protective Gear:** Always wear a helmet, knee pads, and elbow pads.
- **Pre-Ride Check:** Before each ride, check the brakes, tire pressure, and ensure all parts are securely fastened.
- **Road Conditions:** Avoid riding in heavy rain, on slippery surfaces, or through deep puddles.
- **Traffic Laws:** Obey all local traffic laws and regulations.
- **Single Rider:** The scooter is designed for one rider only. Do not carry passengers.
- **Weight Limit:** Do not exceed the maximum load capacity of 264 lbs.

- **Night Riding:** Utilize the integrated headlights and taillights for visibility during night rides.



Figure 2.1: The scooter's front headlight and rear taillight, essential for safe night operation.

3. Setup and Assembly

3.1 Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Release the folding latch located near the base of the handlebar stem.
3. Carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.



Figure 3.1: Detail of the scooter's folding mechanism, designed for quick and secure deployment.

3.2 Initial Charging

Before first use, fully charge the scooter's battery. The charging port is typically located on the side of the deck.

- Connect the charger to the scooter's charging port.
- Plug the charger into a standard power outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete. Full charge typically takes 3-6 hours.

3.3 APP Connection (Tuya APP)

Enhance your riding experience by connecting your scooter to the Tuya APP.

1. Download the 'Tuya' APP from your smartphone's app store (available for iPhone and Android).
2. Turn on the scooter and enable Bluetooth on your smartphone.
3. Open the Tuya APP and follow the on-screen instructions to pair with your iScooter i9M.

4. Once connected, you can control various functions such as locking/unlocking, turning lights on/off, adjusting gears, setting start mode (zero or non-zero start), and managing cruise control.



Figure 3.2: The scooter's smart display and a smartphone showing the connected Tuya APP interface.

4. Operating Instructions

4.1 Power On/Off

- To power on, press and hold the power button on the display for a few seconds.
- To power off, press and hold the power button again until the display turns off.

4.2 Speed Modes

The i9M offers multiple speed modes to suit different riding conditions and preferences.

- Typically, modes can be switched by pressing the power button briefly while the scooter is on.
- Refer to the display for the current speed mode (e.g., ECO, D, S).
- The scooter supports speeds up to 22 MPH, with lower modes for energy efficiency or controlled riding.

4.3 Acceleration and Braking

- Use the thumb throttle to accelerate.
- Apply the brake lever to engage the double braking system for controlled stopping.

4.4 Cruise Control

Activate cruise control for a consistent speed during longer rides.

- Maintain a consistent speed for a few seconds to engage cruise control.
- Cruise control can be disengaged by applying the brake or throttle.



Figure 4.1: The 10-inch pneumatic tires provide a smooth and comfortable ride, especially on urban roads.

Video 4.1: An official overview of the i9M Electric Scooter, demonstrating its features and operation.

5. Maintenance

5.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

5.2 Tire Maintenance

- Regularly check tire pressure to ensure optimal performance and ride comfort.
- Inspect tires for any signs of wear, punctures, or damage.

5.3 Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use high-pressure water jets or harsh chemicals.
- Ensure the scooter is dry before storing.
- When storing for extended periods, ensure the battery is charged to approximately 50-70%.

6. Troubleshooting

This section addresses common issues you might encounter with your iScooter i9M.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections	Charge the battery; Check all cable connections.
Reduced range or speed	Low tire pressure; Overloaded; Battery degradation	Inflate tires to recommended pressure; Reduce load; Contact support for battery assessment.
Brakes not responsive	Brake cable loose; Worn brake pads	Adjust brake cable tension; Replace brake pads if worn.
Unusual noises during operation	Loose components; Debris in wheels	Inspect and tighten all screws and bolts; Clear any debris from wheels and motor area.
APP connectivity issues	Bluetooth off; APP not updated; Scooter not discoverable	Ensure Bluetooth is on; Update APP; Restart scooter and phone.

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

7. Technical Specifications

Feature	Specification
Model Name	i9M (E9)
Motor Power	500W
Max Speed	22 MPH
Max Range	18 Miles
Battery	36V/7.5AH
Charging Time	3-6 Hours
Tire Size	10 Inches (Pneumatic)
Weight Limit	264 Pounds
Item Weight	29 lbs (approx. 13.2 kg)
Product Dimensions (Unfolded)	44"L x 17"W x 45.7"H
Brake Style	Double Braking Systems (Disc & EABS Regenerative)
Frame Material	Iron

8. Warranty and Support

8.1 Warranty Information

iScooter provides a warranty for its electric scooters to ensure customer satisfaction.

- The E-scooter comes with a one-year warranty.
- Specific parts, such as the motor and battery, have a 180-day warranty.
- This warranty is non-transferable and applies from the product's initial sale date.
- A 7-day no-reason return policy is offered, provided there is no human damage or stains.

8.2 Customer Support

For any questions, concerns, or warranty claims, please contact iScooter customer support:

- **Email:** vip.support@iscooterglobal.com
- **Phone:** +1 (855) 916-2366

When contacting support, please provide your product model (i9M) and a detailed description of the issue, along with any

relevant photos or videos if shipping damage occurred.

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