

**XIAOMI Xiaomi Scooter 4 Pro**

# Xiaomi MI Electric Scooter 4 Pro User Manual

Model: Xiaomi Scooter 4 Pro (BHR5894US) | Brand: XIAOMI

## 1. INTRODUCTION

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Welcome to the user manual for your new Xiaomi MI Electric Scooter 4 Pro. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.



Image: Side view of the Xiaomi MI Electric Scooter 4 Pro, showcasing its sleek black design and red accents.

The Xiaomi MI Electric Scooter 4 Pro is designed for urban commuting, offering a powerful 700W motor, a long range of up to 31 miles, and a top speed of 18.6 mph. It features 10-inch DuraGel self-sealing tubeless tires for enhanced comfort and dual brakes for reliable stopping power. This model is also the world's first electric scooter with UL's IoT Security Rating Gold level certification, ensuring robust security for your device.

## 2. SAFETY INFORMATION

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

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Do not ride in heavy rain, snow, or on slippery surfaces.
- Avoid riding at night without proper lighting. The scooter is equipped with an ultra-bright headlight and a larger,

brighter tail light for improved visibility.

- 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 maximum weight limit for this scooter is 265 pounds. Do not exceed this limit.

### 3. PACKAGE CONTENTS

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Upon unpacking your Xiaomi MI Electric Scooter 4 Pro, please verify that all the following items are included:

- Xiaomi MI Electric Scooter 4 Pro (Main Unit)
- Power Adapter
- User Manual (this document)
- T-handle Hex Wrench
- Extension Nozzle
- Screws (typically 4-6 for handlebar attachment)

### 4. SETUP AND ASSEMBLY

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#### 4.1 Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Lift the handlebar stem until it locks into place with an audible click.
3. Ensure the folding mechanism is securely latched.

#### 4.2 Attaching the Handlebar

1. Carefully connect the cable from the handlebar to the cable in the stem.
2. Align the handlebar with the stem and slide it down.
3. Secure the handlebar using the provided screws and T-handle hex wrench. Ensure all screws are tightened firmly.

#### 4.3 Initial Charging

Before your first ride, fully charge the scooter's battery. The charging time is approximately 5 hours.

1. Locate the magnetic charging port on the scooter.
2. Connect the power adapter to the charging port. The magnetic lid will clip in by itself.
3. Plug the power adapter into a wall outlet.
4. The indicator light on the charger will change (e.g., from red to green) when charging is complete.

### 5. OPERATING INSTRUCTIONS

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#### 5.1 Power On/Off

- To power on: Press the power button once.
- To power off: Press and hold the power button for 3 seconds.

#### 5.2 Speed Modes

The scooter features three speed modes. Double-tap the power button to switch between modes:

- **Pedestrian Mode (0-3.7 mph):** For walking alongside the scooter.
- **Standard Mode (3.1-12.4 mph):** Balanced speed and range for everyday riding.
- **Sport Mode (3.1-18.6 mph):** Maximum speed and power for experienced riders.



Image: Illustration of the three speed modes (Pedestrian, Standard, Sport) with their respective speed ranges, demonstrating how to switch between them.

### 5.3 Riding the Scooter

1. Place one foot firmly on the deck and push off with the other foot.
2. Once you have some momentum, gently press the accelerator lever.
3. Place your other foot on the deck.
4. To brake, release the accelerator and gently squeeze the brake lever. The scooter features a front and back double-braking system for shorter braking distances.

## 5.4 Folding for Storage

The Xiaomi Electric Scooter 4 Pro features an easy folding design for convenient storage and transport.

### Easy folding design for easier storage

Xiaomi Electric Scooter 4 Pro adopted the incredibly strong aerospace grade aluminum alloy material for the frame, making the scooter extremely durable and lightweight.



Image: A woman demonstrating the easy folding mechanism of the scooter, placing it into the trunk of a car, highlighting its portability.

To fold, disengage the locking mechanism near the base of the handlebar stem and fold the stem down until it latches onto the rear fender.

## 6. MAINTENANCE

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### 6.1 Battery Care

The scooter is equipped with a 446Wh battery and a 5th Gen smart BMS (Battery Management System) with 6 protections:

- Short circuit protection
- Overcurrent protection



- Double protection from overcharging
- Double protection from over-discharging
- Temperature protection
- Under voltage autosleep protection



## 5th Gen smart BMS

Six protections to keep your battery safe and durable. View the condition of your battery in detail in the Xiaomi Home App.







		
Short circuit protection	Overcurrent protection	Double protection from overcharging
		
Double protection from over-discharging	Temperature protection	Under voltage autosleep protection

Image: A visual representation of the 5th Gen smart BMS and its six protective features, ensuring battery safety and longevity.

To prolong battery life:

- Charge the battery regularly, even if not in use, to maintain charge.
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place when not in use.
- Do not expose the battery to extreme temperatures.

## 6.2 Tire Care

The scooter features 10-inch DuraGel self-sealing tubeless tires for better shock absorption and puncture resistance.

- Regularly check tire pressure and inflate to the recommended PSI (refer to the tire sidewall or scooter specifications).
- Inspect tires for any signs of wear, cuts, or punctures.

### 6.3 Cleaning

- Wipe the scooter clean with a damp cloth. Do not use high-pressure water jets or corrosive cleaners.
- Ensure the charging port cover is securely closed before cleaning.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Xiaomi MI Electric Scooter 4 Pro.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; Power button not pressed correctly.	Charge the battery; Press and hold the power button firmly.
Reduced range or speed.	Low tire pressure; Heavy load; Uphill riding; Cold weather; Battery degradation.	Check and inflate tires; Reduce load; Ride on flat terrain; Battery may need replacement after extended use.
Brakes feel loose or ineffective.	Brake cable needs adjustment; Brake pads worn.	Adjust brake cable tension; Consult a service center for brake pad replacement.
Unusual noises during operation.	Loose components; Debris in wheels; Motor issue.	Inspect all screws and connections; Clean wheels; If noise persists, contact support.
Cannot connect to Xiaomi Home App.	Bluetooth off; App issue; Scooter not in pairing mode.	Ensure Bluetooth is enabled; Restart app/phone; Follow app instructions for pairing. The scooter has a unique QR code and MJA1 Security Chip for secure pairing.

For issues not listed here, please refer to the official Xiaomi Home App or contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	Xiaomi Scooter 4 Pro
Motor Power	700W Max
Max Speed	18.6 mph (30 km/h)
Max Range	31 Miles (50 km)
Battery Capacity	446Wh
Charging Time	Approx. 5 Hours

Feature	Detail
Tire Type	10" DuraGel Self-Sealing Tubeless Tires
Braking System	Front and Back Dual-Braking System (Regenerative, Rear disc braking)
Incline Climb	Up to 20%
Frame Material	Aerospace-grade Aluminum Alloy
Weight Limit	265 Pounds
Item Weight	37.47 Pounds
Product Dimensions (LxWxH)	47.1"L x 7"W x 48.8"H
IoT Security Certification	UL's IoT Security Rating Gold level

# Xiaomi Electric Scooter 4 Pro

Ride with power, go in comfort

## Nine performance upgrades for a whole new experience

Classic design with more powerful performance, for a more comfortable ride.



55km\*

Super long range

25km/h

Max. speed

700W

Max. power

20%

Incline climb\*

130mm

Dual-disc brake

Xiaomi DuraGel Tire

10" | Tubeless | Self-sealing\*

Upgraded size

For more comfortable riding

Magnetic

Charging port and lid

Aerospace grade

Aluminum alloy frame

\*Riding range will upgrade to 55km\* by OTA which will be released in August. New firmware will optimize the efficiency of the motor to increase the riding range.

Image: An infographic highlighting key performance specifications and upgrades of the Xiaomi Electric Scooter 4 Pro, including range,



speed, power, and incline climb.

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The Xiaomi MI Electric Scooter 4 Pro comes with a **Limited Warranty**. Please refer to the warranty card included in your package or visit the official Xiaomi website for detailed terms and conditions. Keep your proof of purchase for warranty claims.

### 9.2 Customer Support

For technical assistance, service, or spare parts, please contact Xiaomi customer support through their official website or the Xiaomi Home App. The Xiaomi Home App allows you to monitor your scooter's battery condition and adjust energy recovery settings.

### World's first scooter with UL's IoT Security Rating Gold level certification

#### IoT Security Rating Level 3 certification

Xiaomi Electric Scooter 4 Pro is the first scooter device which gain IoT Security Rating Level 3 (Gold) certification.

#### Unique QR code

There is a unique QR code in each device that only belongs to you provides another layer of security for authentication.

#### The "strong binding" mechanism

The "strong binding" mechanism to ensure that others cannot bind your scooter without your approval.

#### MJA1 Security Chip

With the hardware level security capability and strong identity authentication, it can ensure only your Xiaomi Home APP can connect to your scooter.

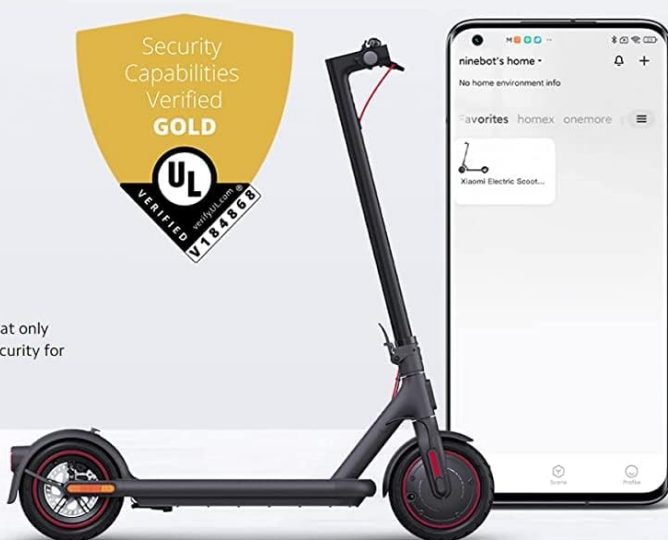


Image: Details on the scooter's UL IoT Security Rating Gold level certification, unique QR code, and MJA1 Security Chip, emphasizing secure connectivity with the Xiaomi Home App.

