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› [INMOTION](#) /

› [INMOTION V8S Electric Unicycle User Manual](#)

## INMOTION V8S

# INMOTION V8S Electric Unicycle User Manual

Model: V8S

Brand: INMOTION

## 1. INTRODUCTION

Welcome to the INMOTION V8S Electric Unicycle. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before your first ride and keep it for future reference.

## 2. SAFETY INFORMATION

Operating an Electric Unicycle (EUC) carries inherent risks. Always prioritize safety.

### 2.1 General Safety Guidelines

- Always wear a helmet and protective gear (knee pads, elbow pads, wrist guards) when riding.
- Ride within your skill level and gradually increase speed and complexity.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy traffic, on slippery surfaces, or in adverse weather conditions.
- Maintain a safe distance from pedestrians and other vehicles.
- Perform a pre-ride inspection before each use.

### 2.2 Charging Safety

- Use only the original charger provided by INMOTION.
- Do not charge if the charge port or power cord is wet.
- Ensure the charger is disconnected after charging.
- Never charge in wet or flooded conditions.
- Do not charge the battery if it is damaged or frozen.
- If not used for a long time, it is recommended to charge it every three months.

## 3. WHAT'S IN THE Box

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- INMOTION V8S Electric Unicycle
- Charger
- User Manual (This document)
- Power Cord

## 4. PRODUCT OVERVIEW

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The INMOTION V8S is a 16-inch electric unicycle designed for adults, offering a blend of power, range, and portability. It features a matte scrub surface for enhanced scratch resistance.

### 4.1 Key Features

- **Motor Power:** 1000W (Max. Power 2000W)
- **Max Speed:** Up to 22 MPH (35 km/h)
- **Max Range:** Up to 47 miles (75 km) on a single charge
- **Climbing Capacity:** Up to 30° incline
- **Battery Capacity:** 728 Wh Lithium-ion battery
- **Wheel Size:** 16 inches
- **Item Weight:** 35.2 lbs (16 kg)
- **Max Loading:** 265 lbs (120 kg)
- **Charging Time:** Approximately 6 hours
- **Water Resistance:** IP54 (Waterproof)
- **Integrated Features:** Retractable trolley handle, front headlight, rear brake light, battery level indicator, Bluetooth connectivity with app control.

## 5. SETUP

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### 5.1 Initial Charge

Before your first ride, fully charge the INMOTION V8S.

1. Locate the charging port on the unicycle.
2. Connect the charger to the unicycle and then to a power outlet.
3. The battery indicator lights will show charging progress.
4. Disconnect the charger once fully charged.

### 5.2 Powering On/Off

To power on the unicycle, press and hold the power button located on the top surface until the indicator lights illuminate. To power off, press and hold the power button again.



# UNIQUE RIDING EXPERIENCE

**22 MPH**  
Max Speed

**45 MILES**  
Max Ranges

**IP54**  
Water proof

**5.8 INCH**  
Ultra-thin Body

Image: Close-up of the INMOTION V8S showing the power button and green battery indicator lights. The retractable trolley handle is visible in the background.

# MORE BATTERY CAPACITY MORE RANGE



Image: The INMOTION V8S with its foot pedals extended, ready for riding. The power button and battery indicator are visible on the top surface.

## 6. OPERATING INSTRUCTIONS

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### 6.1 First Ride Preparation

It is highly recommended that beginners practice in an open, safe area with assistance or against a stable support (like a wall).

- Ensure the unicycle is powered on and self-balanced.
- Extend the foot pedals.
- Place one foot firmly on a pedal, keeping the unicycle upright.
- Push off with the other foot and quickly place it on the second pedal.
- Maintain balance by shifting your body weight. Leaning forward accelerates, leaning backward decelerates/brakes.
- To turn, gently lean your body in the desired direction.

### 6.2 Retractable Trolley Handle

The V8S features a retractable trolley handle for easy transport when not riding. Pull the handle up to extend it

and push it down to retract. This is useful for walking the unicycle through crowded areas or indoors.

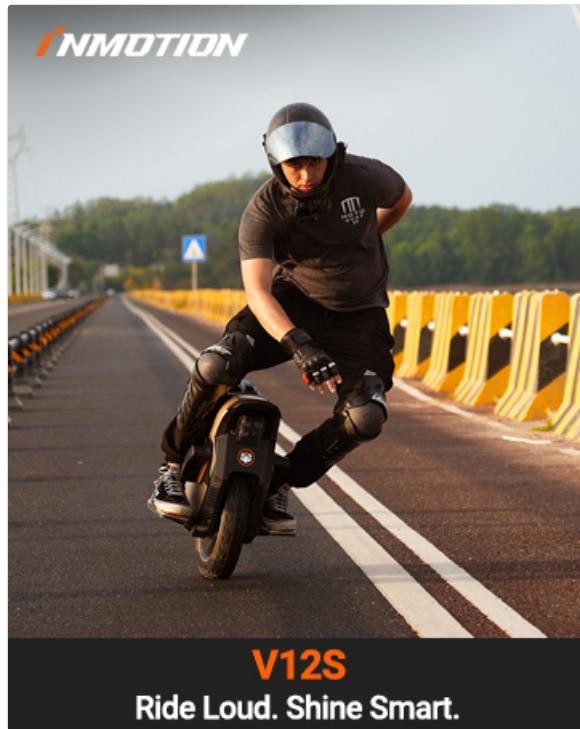


Image: A person demonstrating the retractable trolley handle of the INMOTION V8S, pulling it up to easily roll the unicycle.

### 6.3 Lighting System

The V8S is equipped with a front headlight and a rear brake light for visibility. These can be controlled via the INMOTION app.

# ACCURATE BRAKE TAILLIGHTS

For safer operation



Image: The rear view of the INMOTION V8S Electric Unicycle with its red brake light illuminated, enhancing visibility for safety.

## 6.4 INMOTION App Connectivity

Download the official INMOTION app to connect to your V8S via Bluetooth. The app allows you to:

- Monitor riding status (speed, mileage, battery level).
- Perform vehicle diagnostics.
- Update firmware.
- Adjust settings, including speed limits and LED light colors.
- Control lights and horn.

# APP SUPPORTED



Image: A smartphone screen showing the INMOTION app, displaying real-time riding data and control options for the V8S Electric Unicycle.

Video: Official INMOTION video showcasing the V8S Electric Unicycle during dusk hour, highlighting its lights and smooth operation. This video is provided by the seller.

## 7. MAINTENANCE

- **Cleaning:** Wipe the unicycle with a damp cloth. Avoid using high-pressure water or harsh chemicals.
- **Tire Pressure:** Regularly check and maintain the recommended tire pressure for optimal performance and safety.
- **Battery Care:** Store the unicycle in a cool, dry place. If storing for extended periods, charge the battery to about 50-70% and recharge every three months.
- **Fasteners:** Periodically check all screws and fasteners to ensure they are tight.
- **General Inspection:** Inspect for any signs of damage, wear, or loose parts before each ride.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unicycle does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button firmly
Loss of balance/control	Rider inexperience; Uneven terrain; Excessive speed	Practice in a safe area; Ride on smooth surfaces; Reduce speed
Reduced range/performance	Low battery; Cold weather; Overloading; Tire pressure	Fully charge battery; Operate in moderate temperatures; Check tire pressure; Reduce load
App connectivity issues	Bluetooth off; App not updated; Unicycle not powered on	Ensure Bluetooth is enabled; Update app; Power on unicycle

For issues not listed here, please contact INMOTION customer support.

## 9. SPECIFICATIONS

Feature	Detail
Model Name	V8S
Product Dimensions	18.18 x 5.83 x 21.18 inches
Item Weight	35.2 pounds
Motor Power	1000W (Max. 2000W)
Max Speed	22 MPH
Max Range	47 Miles (75 km)
Climbing Capacity	30°
Battery Type	Lithium Ion (2 included)
Battery Capacity	728 Wh
Charging Time	Approx. 6 hours
Wheel Size	16 Inch
Max Load	265 lbs
Water Resistance	IP54
Manufacturer	INMOTION
Color	Black
Age Range	Adult
Special Feature	Heavy Duty

Image: An infographic detailing the key specifications of the INMOTION V8S, including 2000W Max Power, 22 mph Max Speed, 30° Max Slope, 47 miles Max Range, 265 lbs Max Loading, 6 hrs Charging Time, 728 Wh Battery Capacity, and 16-

inch Motor Size.

## 10. WARRANTY AND SUPPORT

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For warranty information, product registration, or technical support, please visit the official INMOTION website or contact their customer service. Keep your purchase receipt for warranty claims.

[Visit the INMOTION Store on Amazon](#)