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› [Hurtle](#) /

› [Hurtle Folding Electric Scooter User Manual](#)

Hurtle HURES18-M5

Hurtle Folding Electric Scooter User Manual

Model: HURES18-M5

1. INTRODUCTION

Welcome to the Hurtle Folding Electric Scooter user manual. This guide 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.

The Hurtle HURES18-M5 electric scooter is designed for convenient commuting and recreational use, featuring a powerful 300W brushless motor, 8.5-inch pneumatic tires, and a foldable design for easy portability. It offers speeds up to 19 MPH and a range of up to 18 miles, equipped with disc brakes and an E-ABS anti-lock braking system for reliable stopping power.

2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following guidelines to prevent injury or damage.

2.1 General Safety

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Familiarize yourself with and obey all local traffic laws and regulations regarding electric scooters.
- Do not ride in wet conditions, heavy rain, or on slippery surfaces.
- Ensure the scooter is fully charged and all components are secure before each ride.
- Do not exceed the maximum weight limit of 264.56 lbs (120 kg).
- This scooter is suitable for adults and kids. Ensure children are supervised and wear appropriate safety gear.
- Avoid sudden turns, rapid acceleration, or braking, especially at high speeds.
- Do not perform stunts or jumps.
- Be aware of your surroundings and other pedestrians or vehicles.

2.2 Battery Safety

- Use only the original charger provided with the scooter.
- Do not charge the battery unattended, especially overnight.
- Avoid exposing the battery to extreme temperatures (hot or cold).
- If the battery appears damaged, swollen, or leaks, discontinue use immediately and contact support.
- Store the scooter in a cool, dry place when not in use, and charge it periodically if stored for long periods.

3. PRODUCT COMPONENTS

3.1 Scooter Overview



Figure 3.1: Hurtle Folding Electric Scooter with App Interface

The Hurtle electric scooter consists of several key parts:

- **Handlebars:** Equipped with grips, brake levers, throttle, and bell.
- **LED Display:** Located on the handlebar, shows speed, mode, and battery life.
- **Headlight:** Integrated into the front of the stem for visibility.
- **Folding Mechanism:** Allows the stem to fold down for compact storage.

- **Deck:** The standing platform with an anti-slip surface.
- **Wheels:** 8.5-inch pneumatic tires for a smooth ride.
- **Disc Brake:** Rear wheel braking system.
- **Taillight:** Red light on the rear fender for visibility and braking indication.
- **Kickstand:** For convenient parking.

3.2 Package Contents

Upon opening the package, ensure all the following items are present:

- Hurtle Folding Electric Scooter
- Power Adapter/Charger
- User Manual (this document)
- Assembly Tools (e.g., Allen wrench, screws)

4. SETUP AND ASSEMBLY

4.1 Unfolding the Scooter

PORTABLE FOLDING DESIGN



Press down on the folding spanner with your feet. Unfold the stem & push it until you hear a click. Then unfold the kickstand to support the scooter.



Figure 4.1: Portable Folding Design

1. Place the scooter on a flat surface.
2. Press down on the folding spanner with your foot.
3. Unfold the stem upwards until you hear a click, indicating it is locked into place.
4. Deploy the kickstand to support the scooter.

4.2 Handlebar Installation

1. Carefully connect the handlebar cable to the main stem cable.
2. Align the handlebar with the top of the stem.
3. Secure the handlebar using the provided screws and Allen wrench. Ensure all 4 screws are tightened firmly.
4. Adjust the brake lever position for comfortable access and tighten it.

4.3 Initial Charging

Before first use, fully charge the scooter's battery. The charging port is typically located near the front of the deck, often covered by a rubber flap.

1. Open the charging port cover.

2. Connect the charger to the scooter's charging port.
3. Plug the charger into a power outlet.
4. The LED indicator on the charger will show red during charging and turn green when fully charged.
5. Charging typically takes 4-6 hours. Do not overcharge.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Press and hold the power button on the LED display for a few seconds until the display illuminates.
- **To Power Off:** Press and hold the power button for a few seconds until the display turns off.

5.2 LED Display Functions



Figure 5.1: LED Digital Display

The LED display provides real-time information:

- **Current Speed:** Displays your speed in KM/H or MPH.
- **Speed Mode:** Indicates the current speed setting (Gear 1, 2, or 3).
- **Battery Life:** Shows the remaining battery charge.
- **Headlight Indicator:** Illuminates when the headlight is on.
- **Cruise Control Indicator:** Illuminates when cruise control is active.

5.3 Speed Modes

The scooter features 3 gears/triple speed modes:

- **Gear 1 (Blue Light):** Approximately 9 MPH (15 km/h) - Ideal for beginners or crowded areas.
- **Gear 2 (Orange Light):** Approximately 15 MPH (24 km/h) - Standard commuting speed.
- **Gear 3 (Red Light):** Up to 19 MPH (30 km/h) - For experienced riders on open paths.

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

5.4 Headlight and Taillight

E-ABS & DISC BRAKE

Brake: (Front) E-Brake,
(Back) Disc Brake

8.5"

PNEUMATIC TIRES
Suitable for Adult & Kids



SIDE LED LIGHT

Hidden Rechargable Outlet

Rubber Pad

Stand

Figure 5.2: Bright LED Headlights



Figure 5.3: Red Taillight

- **To Turn On/Off Lights:** With the scooter powered on, double-press the power button (not rapidly) to activate or deactivate the front LED headlight and rear taillight.
- The red taillight also functions as a brake light, illuminating brighter when the brake is applied.

5.5 Riding the Scooter

1. Place one foot firmly on the deck.
2. Use your other foot to push off the ground to gain initial momentum (kick-start).
3. Once moving, gently press the throttle lever to accelerate.
4. Place your second foot on the deck and maintain balance.
5. To slow down, release the throttle. To brake, use the hand-activated brake lever.

5.6 Braking System

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Figure 5.4: E-ABS and Disc Brake System

The Hurtle scooter is equipped with a dual braking system for enhanced safety:

- **Front E-ABS (Anti-lock Braking System):** Provides smooth and controlled electronic braking for the front wheel.
- **Rear Disc Brake:** A mechanical disc brake on the rear wheel for strong stopping power.

To brake, gently squeeze the hand-activated brake lever. Apply gradual pressure for smooth stops. For emergency stops, apply firm pressure to the brake lever.

6. FOLDING AND STORAGE

The scooter's folding design allows for easy transport and storage.

1. Ensure the scooter is powered off.

2. Locate the folding mechanism at the base of the stem.
3. Press down on the folding spanner with your foot and gently push the stem downwards until it locks into the folded position.
4. Once folded, the scooter can be easily carried by the stem or stored in compact spaces like car trunks, closets, or under subway seats.

7. MAINTENANCE

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

7.1 Cleaning

- Wipe the scooter clean with a damp cloth after each use. Avoid using harsh chemicals or abrasive materials.
- Do not use high-pressure water jets to clean the scooter, as this can damage electronic components.
- Keep the taillight clean and visible, especially for night riding.

7.2 Tire Care

- The scooter is equipped with 8.5-inch pneumatic tires. While designed to be abrasion-resistant, regularly inspect them for wear, punctures, or damage.
- Maintain proper tire pressure as indicated on the tire sidewall (if applicable) to ensure optimal ride quality and range.

7.3 Brake Maintenance

- Regularly check the brake lever for proper tension and responsiveness.
- Ensure the disc brake is clean and free from debris. If braking performance degrades, consult a qualified technician.

7.4 Screw Tightness

- Periodically check and tighten all screws, especially those on the handlebars and folding mechanism, to ensure they remain secure. Vibrations from riding can cause screws to loosen over time.

7.5 Battery Care

- Avoid completely draining the battery before recharging.
- If storing the scooter for an extended period, charge the battery to approximately 50-70% and recharge it every 30-60 days to prevent deep discharge.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Hurtle electric scooter.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery; Loose power connection.	Charge the battery fully; Ensure all connections are secure.
Headlight/Taillight not working.	Lights are off.	Double-press the power button to toggle lights on/off.
Reduced speed or range.	Low battery; Heavy rider weight; Steep incline; Riding style.	Charge battery; Note that performance varies with conditions.
Handlebars feel loose.	Mounting screws are loose.	Tighten the 4 screws on the handlebar mount with the provided Allen wrench. Check regularly.
Brakes are not responsive.	Brake cable tension; Worn brake pads.	Adjust brake cable tension; Inspect brake pads and replace if worn (consult technician).

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Hurtle
Model Name	HURES18-M5
Motor Power	300W Brushless Motor
Max Speed	Up to 19 MPH (30 km/h)
Max Distance Range	Up to 18 Miles (29 km)
Wheel Size	8.5 Inches (Pneumatic Tires)
Weight Limit	264.56 Pounds (120 kg)
Charging Time	4-6 Hours
Product Dimensions (LxWxH)	45.7" x 16.5" x 47.2" (116 x 42 x 120 cm)
Folded Dimensions (LxWxH)	42.76" x 16.14" x 8.46" (108.6 x 41 x 21.5 cm)
Item Weight	38.5 Grams (Note: This seems to be an error in source data, likely meant to be in lbs or kg for the scooter)
Frame Material	Aluminum Alloy + ABS + PC
Brake Style	Rear Braking (Disc Brake & Front E-ABS)
Suspension Type	Front Suspension

10. WARRANTY AND SUPPORT

Hurtle products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Hurtle website.

If you encounter any issues not covered in this manual or require further assistance, please contact Hurtle customer support:

- **Website:** [Insert Hurtle Support Website Here]
- **Email:** [Insert Hurtle Support Email Here]
- **Phone:** [Insert Hurtle Support Phone Number Here]

Please have your model number (HURES18-M5) and purchase date ready when contacting support.