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› [HillMiles](#) /

› [HillMiles MilePort 1 Electric Bike User Manual](#)

HillMiles MilePort 1

HillMiles MilePort 1 Electric Bike User Manual

Model: MilePort 1

INTRODUCTION

Welcome to the HillMiles MilePort 1 Electric Bike user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



The HillMiles MilePort 1 Electric Bike, showcasing its compact folded state and full riding configuration.

SETUP AND ASSEMBLY

Your MilePort 1 electric bike comes partially assembled. Follow these steps to complete the setup and prepare for your first ride.

1. **Unfolding the Bike:** Carefully unfold the frame, ensuring all locking mechanisms are securely engaged. Refer to the folding diagram for proper technique.
2. **Handlebar and Seat Adjustment:** Adjust the handlebar and seat post to a comfortable riding height. Ensure the quick-release levers are tightened securely after adjustment. The bike is suitable for riders with heights ranging from 155 cm to 185 cm.
3. **Pedal Installation:** Attach the pedals to the crank arms. Note that the pedals may be marked 'L' for left and 'R' for right. Ensure they are threaded correctly to avoid damage.
4. **Initial Battery Charge:** Before the first use, fully charge the 36V 13AH removable battery. The battery can be charged

while installed on the bike or removed for convenient charging indoors.

5. **Tire Inflation:** Inflate the 20"x3.0" fat tires to the recommended pressure, typically 2.5 bar. Check the tire sidewall for specific pressure ranges.



The MilePort 1 electric bike is designed for easy folding and portability, fitting conveniently into a car trunk.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features of your MilePort 1 electric bike for a safe and enjoyable ride.

- **Powering On/Off:** Locate the power button on the display unit. Press and hold for a few seconds to turn the bike's electrical system on or off.
- **Riding Modes:**
 - **Pedal Assist System (PAS):** Provides motor assistance as you pedal. Adjust the assist level using the controls on the handlebar. The bike offers a range of up to 100 km in boost mode.
 - **Electric Mode:** Allows for riding using only the motor, without pedaling. The range in pure electric mode is up to 80 km. Note that the pure electric speed is limited to 5 km/h in some regions for compliance.
- **Gear Shifting:** Utilize the 7-speed gear shifter to select appropriate gears for varying terrain and speed requirements.
- **Lighting System:** The bike is equipped with an LED headlight and a rear reflector. To turn the headlight on or off, press and hold the '+' button on the display for 3 seconds.
- **Braking:** The bike features disc brakes for reliable stopping power. Always apply both front and rear brakes simultaneously for balanced and effective braking.
- **Phone Holder:** A multifunctional phone holder is included for convenient access to your device during rides. Ensure your phone is securely fastened before riding.



The 250W brushless motor provides strong and stable power, enabling a top speed of 25 KM/H.



High visibility LED headlight and rear reflector for enhanced safety during rides.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your electric bike.

- **Battery Care:**

- Charge the battery regularly, even if the bike is not in use, to maintain battery health.
- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place when not in use.

- **Tire Maintenance:**

- Regularly check tire pressure and inflate to the recommended 2.5 bar for optimal performance and puncture resistance.
- Inspect tires for wear, cuts, or embedded objects.

- **Brake System:**

- Check brake pads for wear and replace as needed.
- Ensure brake levers provide firm and responsive braking. Adjust cable tension if necessary.

- **Chain and Drivetrain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.

- **Suspension System:** The dual suspension system (pneumatic fork and spring saddle shock absorber) requires minimal maintenance but should be inspected periodically for proper function.

- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.



The removable battery allows for convenient charging at home or in the office.



The 20x3.0 anti-puncture fat tires provide excellent grip and wear resistance across diverse terrains.

TROUBLESHOOTING

This section addresses common issues you might encounter with your MilePort 1 electric bike.

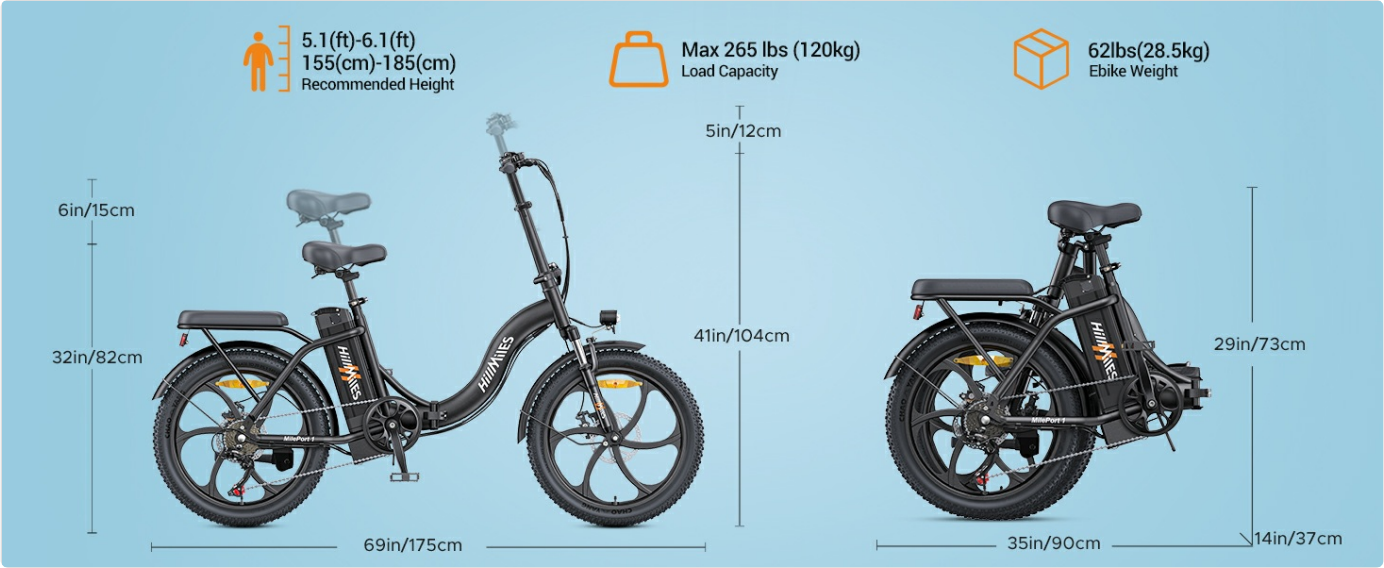
| Problem | Possible Cause | Solution |
|--|---|---|
| Bike does not power on. | Battery is not charged or not properly seated. | Ensure the battery is fully charged and securely inserted. Check connections. |
| Motor not providing assistance. | Low battery, pedal assist level set to zero, or sensor issue. | Charge the battery. Increase the pedal assist level on the display. Check for any obstructions around the pedal sensor. |
| Limited range or poor battery performance. | Under-inflated tires, frequent use of high assist levels, or aging battery. | Ensure tires are properly inflated. Use lower assist levels when possible. Battery capacity naturally decreases over time. |
| Difficulty folding the bike. | Locking mechanisms are stiff or misaligned. | Apply a small amount of lubricant to the hinge points. Ensure all components are aligned before attempting to fold. Do not force the mechanism. |
| Brakes feel spongy or ineffective. | Loose brake cables or worn brake pads. | Adjust brake cable tension. Inspect and replace worn brake pads. If unsure, consult a qualified bike technician. |

SPECIFICATIONS

Detailed technical specifications for the HillMiles MilePort 1 Electric Bike.

| Feature | Specification |
|-----------|---------------------------------|
| Model | MilePort 1 |
| Motor | 250W High-Speed Brushless Motor |
| Max Speed | 25 KM/H |

| Feature | Specification |
|--------------------------|--|
| Battery | 36V 13AH Removable Lithium Battery |
| Electric Range | Up to 80 KM |
| PAS Range | Up to 100 KM |
| Tires | 20" x 3.0" Fat Tires (Anti-Puncture) |
| Gears | 7-Speed Gear Shifter |
| Brakes | Disc Brakes |
| Suspension | Dual (Pneumatic Fork & Spring Saddle Shock Absorber) |
| Frame Material | High Carbon Steel |
| Folded Dimensions | 90 x 37 x 73 cm |
| Unfolded Dimensions | 175 x 61 x 125 cm |
| Bike Weight | 28.5 kg |
| Max Load Capacity | 120 kg |
| Recommended Rider Height | 155 - 185 cm |
| Included Components | Tool Kit, Phone Holder |



Detailed dimensions and specifications for the MilePort 1 Electric Bike.

WARRANTY AND SUPPORT

HillMiles is committed to providing quality products and customer satisfaction.

Warranty Information

Specific warranty details for the MilePort 1 Electric Bike are not provided in this manual. Please refer to the product packaging or the official HillMiles website for comprehensive warranty terms and conditions.

Customer Support

For any questions, technical assistance, or support inquiries regarding your HillMiles MilePort 1 Electric Bike, please contact our customer support team:

Email: support@hillmiles.com

Our team is dedicated to assisting you and ensuring a positive experience with your HillMiles product.