Pikabike Z6

Pikabike Z6 Folding Electric Bike User Manual

Model: Z6

1. Introduction

Welcome to the user manual for your new Pikabike Z6 Folding Electric Bike. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your e-bike. Please read this manual thoroughly before your first ride to ensure proper assembly, operation, and to maximize the lifespan of your bicycle.

The Pikabike Z6 is designed for adults, featuring a powerful 1200W peak motor, a top speed of 25 MPH, and a maximum range of 45 miles on a single charge. It comes equipped with a removable 48V battery, 14-inch pneumatic tires, and multiple shock absorption systems for a comfortable and stable ride. Its compact folding design makes it highly portable and easy to store.



Figure 1.1: Pikabike Z6 Folding Electric Bike (Unfolded and Folded)

This image displays the Pikabike Z6 electric bike, showcasing both its fully assembled, rideable form and its compact, folded state for storage or transport. The design highlights its portability and readiness for use.

2. Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations.

- **Pre-Ride Check:** Before each ride, inspect tires for proper inflation and wear, check brake functionality, ensure all bolts and quick releases are tightened, and verify battery charge level.
- **Riding Conditions:** Avoid riding in heavy rain, snow, or icy conditions. Be cautious on uneven or slippery surfaces.
- **Visibility:** Use the integrated lights during low-light conditions. Consider wearing reflective clothing.
- **Weight Limit:** Do not exceed the maximum load capacity of 265 lbs (120 kg).
- **Age Restriction:** This e-bike is intended for adult use.
- **Battery Safety:** Only use the provided charger. Do not expose the battery to extreme temperatures or puncture it.

3. Setup and Initial Assembly

Your Pikabike Z6 comes mostly pre-assembled. Follow these steps for initial setup.

1. **Unfolding the Bike:**

   Carefully remove the bike from its packaging. Locate the main folding latch on the frame. Release the latch and unfold the frame until it locks securely into place. Ensure the handlebars are also unfolded and locked into their upright position.

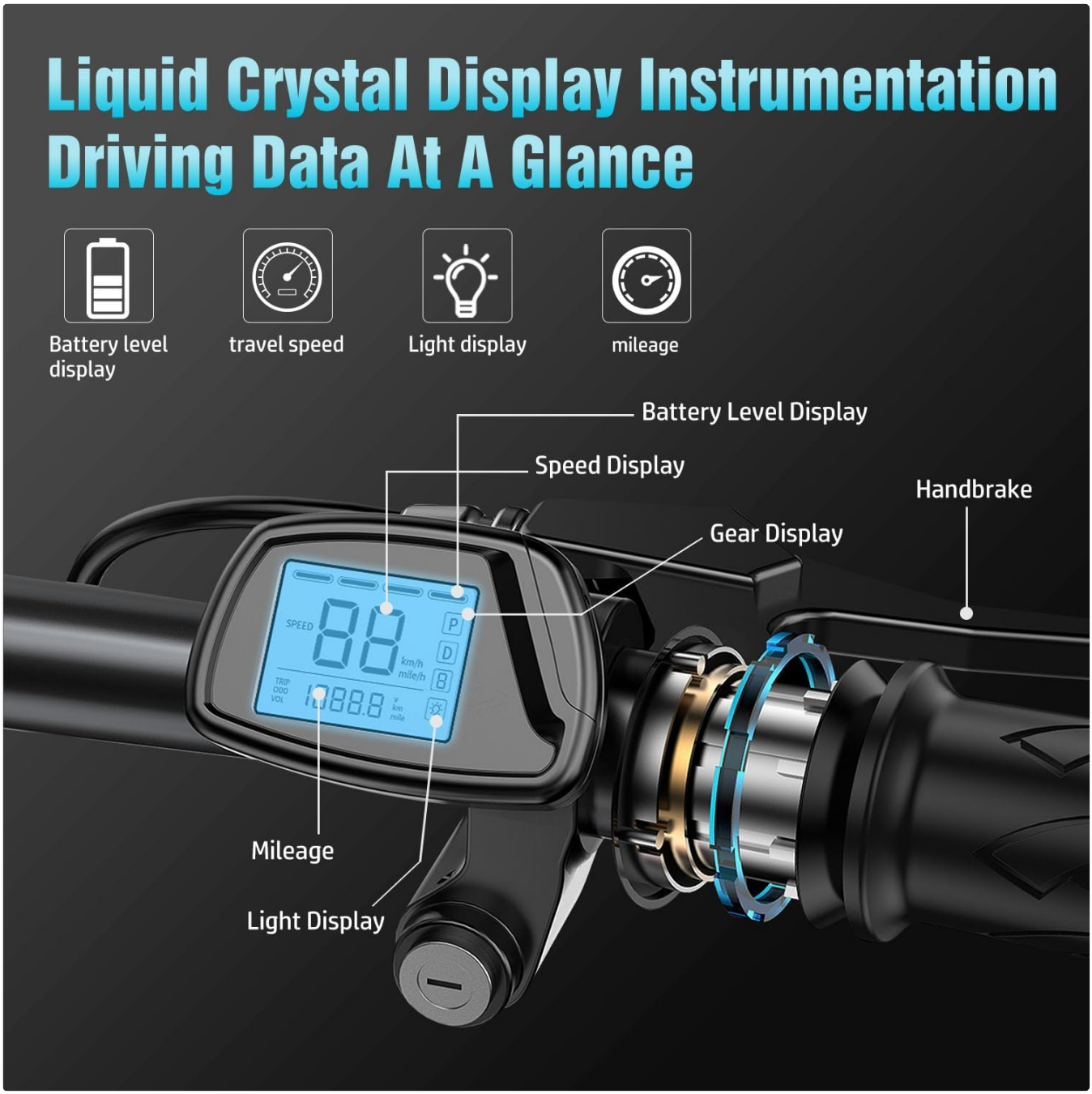


Figure 3.1: Folded Dimensions and Adjustable Components

This image illustrates the compact folded dimensions of the Pikabike Z6 (26.3" x 25.5") and highlights adjustable features like the seat and handlebars, which can be customized for rider comfort. The overall dimensions of the unfolded bike are also shown.

2. **Installing/Charging the Battery:**

   The 48V 10AH lithium battery is typically pre-installed but may require initial charging. Locate the battery compartment, usually integrated into the frame. If removed, slide the battery into place until it clicks. Connect the provided charger to the charging port on the battery or bike frame, then plug it into a standard wall outlet. The charging indicator light will show charging status. A full charge takes approximately 3-5 hours.



Figure 3.2: Removable 48V 10AH Battery

This image shows the removable 48V 10AH lithium battery integrated into the bike's frame, emphasizing its high power, safety features (BMS), long range (45 miles), and quick charging time (3-5 hours).

3. **Adjusting Seat and Handlebars:**

   Adjust the seat post height so that your feet can comfortably touch the ground when stopped, and your legs have a slight bend at the knee when pedaling. Adjust the handlebar height for a comfortable riding posture. Ensure all quick-release levers are securely tightened after adjustment.

4. **Tire Inflation:**

   Check the tire pressure using a pressure gauge. Inflate tires to the recommended PSI (pounds per square inch) indicated on the tire sidewall. Proper inflation ensures optimal performance and safety.

4. Operating Instructions

Familiarize yourself with the controls and riding modes of your Pikabike Z6.

4.1 Riding Modes

- **Full-Electric Mode:** Engage the throttle (if equipped) or select the highest assist level without pedaling. The motor provides all propulsion.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. You can typically select different levels of assistance via the display. This mode extends battery range significantly.
- **Traditional Bicycle Mode:** Ride the bike like a regular bicycle without any motor assistance. The motor is off, and you rely solely on your pedaling power.

4.2 Display and Controls

The Liquid Crystal Display (LCD) provides key riding data.

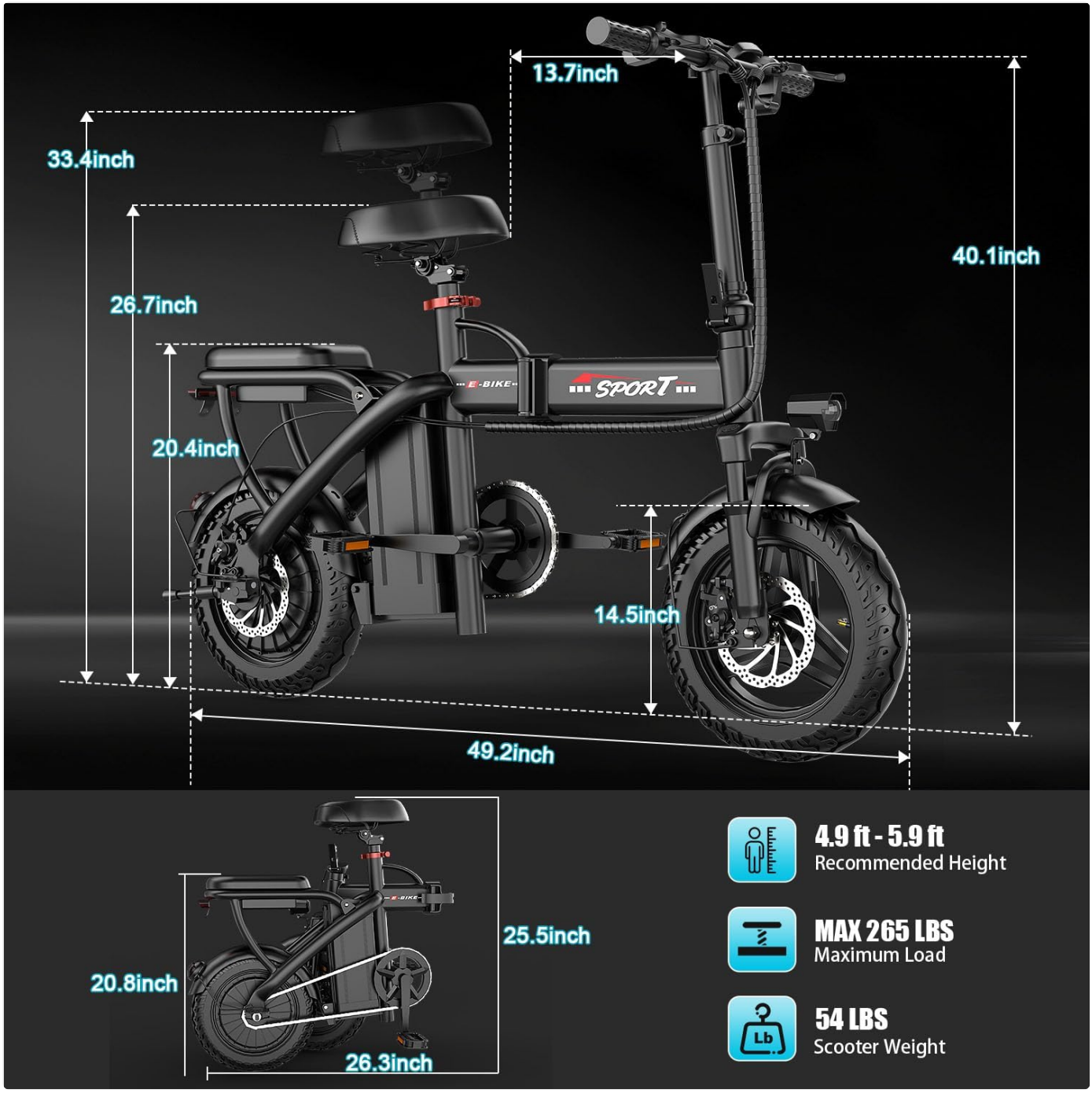


Figure 4.1: Liquid Crystal Display Instrumentation

This image details the Pikabike Z6's LCD display, showing indicators for battery level, travel speed, light status, and mileage. It also points out the handbrake and gear display on the handlebars.

- **Power Button:** Press and hold to turn the system on/off.
- **Mode/Assist Buttons:** Use '+' and '-' buttons to cycle through pedal-assist levels or display modes.

- **Battery Level Display:** Indicates remaining battery charge.
- **Speed Display:** Shows current riding speed.
- **Mileage:** Displays trip distance or total odometer reading.
- **Light Display:** Indicates if the headlights are on.

4.3 Braking System

Your Pikabike Z6 is equipped with responsive disc brakes for effective stopping power.



Figure 4.2: Front and Rear Disc Brakes

This image highlights the dual disc brake system on the Pikabike Z6, showing both the front and rear disc brakes. It emphasizes their rapid response and suitability for various road conditions, ensuring a safe ride.

Apply both front and rear brakes simultaneously for balanced and effective stopping. Practice braking in a safe area to get accustomed to the bike's stopping distance.

4.4 Motor and Performance



Figure 4.3: 1200W Peak Motor

This image illustrates the powerful 1200W peak motor of the Pikabike Z6, highlighting its ability to provide a stable and smooth ride, reach speeds of 25 MPH, offer a maximum mileage of 45 miles, and handle elevations of 20-25 degrees.

The 1200W peak motor provides robust power for inclines and acceleration. The bike's suspension system, including dual front and double seat suspension, ensures a comfortable ride by absorbing shocks from various terrains.



Figure 4.4: Dual Front Suspension System

This image showcases the dual front suspension and double seat suspension of the Pikabike Z6, designed to absorb bumps and provide a comfortable riding experience even on unpaved roads.

The 14-inch pneumatic tires are designed for versatility, suitable for soft roads, level roads, bumpy roads, and hard roads.



Figure 4.5: 14" Pneumatic Tires

This image highlights the 14-inch pneumatic tires of the Pikabike Z6, illustrating their suitability for various terrains including soft, level, bumpy, and hard roads, making the bike versatile for different riding conditions.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your e-bike.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Battery Care:**
  - Charge the battery fully after each ride, especially if storing for extended periods.
  - Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
  - If storing for a long time, charge the battery to about 50-70% every 2-3 months.
- **Tires:** Check tire pressure weekly and inflate to recommended PSI. Inspect tires for cuts, punctures, or excessive wear.

- **Brakes:** Regularly check brake pads for wear and ensure brake levers engage smoothly. Adjust brake cables if necessary to maintain proper tension.
- **Lubrication:** Lubricate the chain and other moving parts periodically with bicycle-specific lubricant.
- **Fasteners:** Periodically check and tighten all bolts, nuts, and quick-release levers.

6. Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is dead or not properly connected.	Charge the battery. Ensure the battery is fully inserted and locked into its compartment. Check power cable connections.
Motor not assisting.	Low battery, PAS level set to zero, or sensor issue.	Check battery charge. Increase PAS level on the display. Ensure pedal sensor is clean and unobstructed.
Brakes feel weak or spongy.	Worn brake pads, loose cables, or air in hydraulic system (if applicable).	Inspect and replace brake pads if worn. Adjust brake cable tension. If hydraulic, professional service may be required.
Unusual noises during riding.	Loose components, dry chain, or debris in moving parts.	Check all bolts and fasteners. Lubricate the chain. Inspect for foreign objects in wheels or drivetrain.
Battery not charging.	Charger not connected properly, faulty charger, or battery issue.	Ensure charger is securely plugged into both the bike/battery and the wall outlet. Check for damage to charger cable or port. If issue persists, contact support.

For issues not listed here or if solutions do not resolve the problem, please contact Pikabike customer support.

7. Specifications

Feature	Detail
Model Name	Z6
Bike Type	Electric Bike
Motor	1200W Peak Motor
Max Speed	25 MPH
Max Range	45 Miles (Full-Electric), 50+ Miles (Pedal-Assist)
Battery	48V 10AH Removable Lithium Battery
Charging Time	3-5 Hours
Tire Size	14 inches (Pneumatic)

Feature	Detail
Frame Material	Alloy Steel
Suspension Type	Dual Front and Double Seat Suspension
Brake Style	Disc Brakes (Front and Rear)
Max Load Capacity	265 lbs (120 kg)
Scooter Weight	54 lbs (24.5 kg)
Folded Dimensions	26.3" x 25.5"
Recommended Height	4.9 ft - 5.9 ft
Included Components	Charger

8. Warranty Information

The Pikabike Z6 Folding Electric Bike comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage caused by misuse, accidents, unauthorized modifications, normal wear and tear, or failure to follow the instructions in this manual.
Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the warranty card included with your product or contact Pikabike customer support.

9. Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Pikabike customer support.
For the most up-to-date contact information, please visit the official Pikabike website or refer to the contact details provided with your purchase documentation. When contacting support, please have your model name (Z6) and purchase date ready.

© 2025 Pikabike. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I reset the Pikabike Z6 electric bike and resolve the Error 9 code?

The provided manual for the Pikabike Z6 does not explicitly list an "Error 9" code in its troubleshooting section. However, in most e-bike systems, Error 09 (or Error 9) typically indicates a controller communication...

Read full answer

How do I reset errors or troubleshoot issues on the Pikabike Z6 Folding Electric Bike?

The Pikabike Z6 manual does not specify a dedicated "reset" button for error codes, but most electronic issues can be resolved by performing a system power cycle or checking specific components. Follow these steps...

Read full answer

What is the function of the 'P1' setting on the Pikabike Z6 display, and how do you program it?

Based on the Pikabike Z6 manual, the display uses Mode/Assist Buttons ('+' and '-') to cycle through pedal-assist levels and display modes. While the manual does not explicitly define a "P1" setting in the...

Read full answer

What is the function of the P1, P2, P3, P4, and P5 settings on the Pikabike Z6, and how do you program them?

On the Pikabike Z6 and similar electric bikes, the "P" settings (P1 through P5) refer to the advanced internal configuration of the LCD display. While the standard manual focuses on basic operation, these settings...

Read full answer

What is the function of the P1, P2, P3, P4, and P5 settings on the Pikabike Z6 electric bike?

Based on the available manual for the Pikabike Z6, the specific functions for the "P" settings (P1, P2, P3, P4, P5) are not explicitly detailed in the standard operating instructions. These are typically "Parameter"...

Read full answer