



Manuals.plus /

› **Pikabike** /

› Pikabike Z8 Electric Bike User Manual

Pikabike Z8

Pikabike Z8 Electric Bike User Manual

Model: Z8

PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Pikabike Z8 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.



Image: The Pikabike Z8 Electric Bike, showcasing its compact foldable design and sleek black finish. A smaller inset image shows the bike in its folded state.

Key Features

- **High-Performance 1200W Motor:** Capable of conquering 20° inclines with a top speed of 25 mph.
- **Long-Lasting Removable Battery:** 48V 480Wh lithium-ion battery providing up to 45 miles range, fully recharges in 3-5 hours.
- **Smart Riding Modes:** Three modes including full-electric, pedal-assist, and traditional e-bike.
- **Advanced Suspension System:** Dual front fork and rear shock absorbers with a cushioned seat for a comfortable ride.
- **Compact & Adjustable Foldable Design:** Folds to 29.53" x 23.23" for easy transport and storage, with adjustable handlebars and seat.

SAFETY GUIDELINES

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and wear appropriate safety gear.

- Always wear a helmet that meets safety standards.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Be aware of your surroundings and ride defensively.
- Do not ride under the influence of alcohol or drugs.
- Ensure all lights and reflectors are clean and functional, especially when riding at night.



Image: Close-up view of the Pikabike Z8's integrated headlight and rear brake/warning lights, emphasizing visibility and safety features for night riding.

SETUP AND ASSEMBLY

Your Pikabike Z8 Electric Bike requires some assembly before its first use. Please follow these steps carefully.

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
3. **Pedal Attachment:** Identify left (L) and right (R) pedals. Thread them into the crank arms. Note that the left pedal

has a reverse thread. Tighten firmly.

4. **Seat Post Adjustment:** Insert the seat post into the frame and adjust to a comfortable riding height. Secure with the quick-release lever.
5. **Battery Installation:** Ensure the battery is fully charged before installation. Slide the battery into its compartment until it clicks securely into place. Use the key to lock it.
6. **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.
7. **Brake Check:** Test both front and rear brakes to ensure proper function. Adjust if necessary.



Image: Two individuals demonstrating the three-step quick-fold mechanism of the Pikabike Z8, showing how easily it fits into a car trunk for convenient transport.

OPERATING INSTRUCTIONS

Charging the Battery

The 48V 10AH lithium-ion battery can be charged on or off the bike. A full charge takes approximately 3-5 hours.

- Connect the charger to the charging port on the battery or bike.
- Plug the charger into a standard wall outlet.
- The indicator light on the charger will change color (e.g., red to green) when fully charged.
- Disconnect the charger once charging is complete.



48V 10AH Lithium Ion Battery

| | | | | |
|-------------------------------|-------------------------|-----------------------------------|----------------------------------|---------------------------|
| 48V 10AH High Power | BMS Top Speed | 45Miles Maximum Mileage | 3-5HOURS Charging Time | IPX7 Waterproof |
|-------------------------------|-------------------------|-----------------------------------|----------------------------------|---------------------------|

Image: A visual representation of the 48V 10AH lithium-ion battery, highlighting its high capacity and quick charging time of 3-5 hours.

Riding Modes

Your Pikabike Z8 offers three distinct riding modes:

1. **Throttle Mode (Full Electric):** Engage the throttle for motor-only propulsion. No pedaling required. Ideal for quick acceleration or resting.
2. **Pedal Assist Mode:** The motor provides assistance as you pedal. Choose from multiple assist levels (if applicable) via the display. This mode extends range and reduces effort.
3. **Traditional Bike Mode:** Turn off the electric assist and pedal like a regular bicycle.

14" Pneumatic Tire & 3 Riding Modes



Throttle Mode



Pedal Assist



Walk Assist



Image: The Pikabike Z8 Electric Bike depicted in three different environments, illustrating its versatility across Throttle Mode, Pedal Assist Mode, and Walk Assist Mode.

LCD Display

The integrated LCD display provides real-time information about your ride.

- **Battery Level:** Indicates remaining battery charge.
- **Speed:** Current riding speed.
- **Mileage:** Total distance traveled (Odometer) and trip distance (Trip).
- **Light Display:** Indicates if headlights are on.

Liquid crystal display instrumentation



Image: A detailed view of the Pikabike Z8's liquid crystal display, showing battery level, speed, mileage, and light indicators, along with the handlebar controls.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Pikabike Z8.

- **Cleaning:** Use a damp cloth to clean the bike. Avoid high-pressure washing directly on electrical components.
- **Tires:** Regularly check tire pressure and inspect for wear or damage.
- **Brakes:** Inspect brake pads and cables regularly. Replace worn pads and adjust cable tension as needed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth operation.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 2-3 months.
- **Fasteners:** Periodically check all bolts and fasteners for tightness.

Multi-Vibration Damping

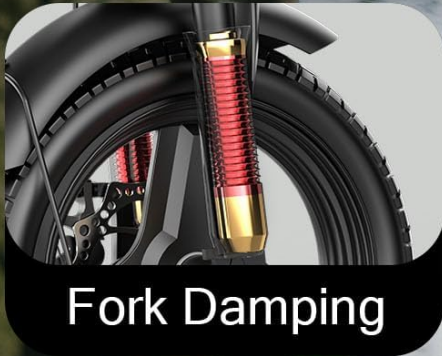


Image: Detailed view of the Pikabike Z8's multi-vibration damping system, including fork damping, center shock, and rear shock, designed for a smoother ride.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------|--|---|
| Bike not turning on | Battery not installed correctly or low charge; power button not pressed. | Ensure battery is fully seated and locked. Charge battery. Press and hold power button. |
| Motor not assisting | Battery low; assist level set to zero; brake levers engaged. | Charge battery. Increase assist level on display. Release brake levers fully. |
| Brakes squealing | Dirty brake pads/rotors; worn pads; misaligned calipers. | Clean pads/rotors with rubbing alcohol. Replace worn pads. Adjust caliper alignment. |
| Unusual noises | Loose components; dry chain; bearing issue. | Check all fasteners. Lubricate chain. If noise persists, consult a professional. |

SPECIFICATIONS

| Feature | Detail |
|--------------------|---|
| Model Name | Z8 |
| Bike Type | Folding Bike |
| Motor | 1200W Peak Brushless Motor |
| Max Speed | 25 mph |
| Battery | 48V 10AH (480Wh) Lithium-Ion, Removable |
| Max Range | Up to 45 miles (full-electric), 50 miles (pedal-assist) |
| Charging Time | 3-5 hours |
| Wheel Size | 14 Inches |
| Frame Material | Alloy Steel |
| Suspension Type | Dual (Front Fork and Rear Shock Absorbers) |
| Brake Style | Disc |
| Folded Dimensions | 29.53" x 23.23" |
| Scooter Weight | 55 LBS |
| Maximum Load | 385 LBS |
| Recommended Height | 4'11"-6'3" |
| Special Feature | LCD-Display |
| Assembly Required | Yes |

Parameter Information



4'11"-6'3"

Recommended Height



MAX 385 LBS

Maximum Load



55 LBS

Scooter Weight



33.4"-45.6"

Adjustable Height



27.5"-35.4"

Adjustable Seat

Handle Width

20"

Highest Seat

35.4"

Lowest Seat

27.5"

Tire To Seat

20.4"

Bike Height

41.7"

Tire Width

14.1"

Bike Width

50.7"

Image: A diagram illustrating the key dimensions and weight specifications of the Pikabike Z8 Electric Bike, including recommended rider height and maximum load capacity.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact Pikabike customer service directly. Specific warranty terms may vary by region and retailer.

Contact Information: Please check the official Pikabike website or your purchase receipt for the most current customer support details.

