



[Manuals.plus](#) /

> [ZDZA](#) /

> ZDZA ZA02 Electric Bike User Manual - 26-inch, 1200W Peak Motor, 48V Battery

## ZDZA ZA02

# ZDZA ZA02 Electric Bike User Manual

Model: ZA02 | Brand: ZDZA

## 1. INTRODUCTION

---

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your ZDZA ZA02 Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference.



*Image: The ZDZA ZA02 Electric Bike, a 26-inch model with a step-through frame, front suspension, and rear rack.*

## 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. Regular maintenance checks are crucial for safe operation.

- Always perform a pre-ride inspection of brakes, tires, battery, and lights.
- Ensure the battery is securely locked in place before riding.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- The bike is UL2272 Certified, indicating compliance with electrical safety standards.

## 3. ASSEMBLY INSTRUCTIONS

---

The ZDZA ZA02 Electric Bike requires some assembly. It is recommended to have basic tools and follow these steps carefully. If you are unsure, seek professional assistance.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage during transit.

Your browser does not support the video tag.

*Video: Unboxing and initial inspection of the ZDZA ZA02 Electric Bike components.*

2. **Handlebar Installation:** Attach the handlebar to the stem. Ensure it is centered and tightened securely. The adjustable stem allows for customization of riding posture.



*Image: Close-up of the adjustable stem, showing the mechanism for tailoring riding posture.*

3. **Front Wheel Attachment:** Install the front wheel, ensuring the disc brake rotor aligns correctly with the caliper.



*Image: The front wheel of the ZDZA ZA02 Electric Bike, highlighting the disc brake and front suspension.*

4. **Pedal Installation:** Attach the pedals. Note that pedals are typically marked 'L' for left and 'R' for right. Thread them carefully to avoid cross-threading.
5. **Seat Post Insertion:** Insert the seat post into the frame and adjust to a comfortable height. Secure the quick-release lever.
6. **Battery Insertion:** Insert the 48V removable battery into its compartment. Ensure it clicks securely into place and is locked with the key.
7. **Final Checks:** Double-check all bolts and quick releases for tightness. Verify brake function and tire pressure.

## 4. OPERATING INSTRUCTIONS

---

### 4.1 Powering On and Off

To power on the bike, press and hold the power button on the LCD display. To power off, repeat the action. The display will show battery level, speed, and pedal-assist mode.

# Upgraded Intelligent LCD Display



Image: The upgraded intelligent LCD display, showing speed, power, ODO, trip, and PAS mode, along with control buttons and thumb throttle.

## 4.2 Riding Modes

The ZDZA ZA02 offers multiple riding modes:

- **Pedal-Assist Mode (PAS):** Provides motor assistance as you pedal. The bike features 5-speed acceleration levels. Range up to 65 miles.
- **Pure Electric Mode:** Use the thumb throttle for motor power without pedaling. Range up to 36 miles.
- **Manual Mode:** Ride as a traditional bicycle without motor assistance.



Image: Diagram illustrating the 1200W peak brushless motor, indicating 20 mph top speed and 20% max slope capability.

### 4.3 Gear Shifting

The bike is equipped with a 7-speed Shimano transmission. Use the trigger shifter on the handlebar to change gears, allowing you to adapt to various terrains and optimize pedaling effort.



Image: Close-up of the 7-speed gear system and trigger shifter, demonstrating gear change functionality.

### 4.4 Braking System

The ZDZA ZA02 features a dual disc brake system for reliable stopping power. Apply both brakes smoothly and evenly for effective deceleration.



*Image: Illustration of the dual disc brake system on the ZDZA ZA02 Electric Bike, emphasizing its safety feature.*

#### **4.5 Suspension and Comfort**

The bike is equipped with front suspension for a smoother ride over varied terrain. The adjustable stem and plush seat cushion enhance rider comfort.

# 48V Bulit-in Anti-theft Battery

**BMS** **BMS**  
Intelligent Safety

**56 Miles**  
Mileage

**5 Hours**  
Charging Time

**IPX6**  
Waterproof



Image: Close-up of the front suspension forks, designed to absorb shocks for a comfortable ride.

**Upgraded Colorful  
LCD Display**



Image: Diagram showing the ergonomically designed, adjustable, and shock-absorbing seat.

## 5. BATTERY CHARGING

---

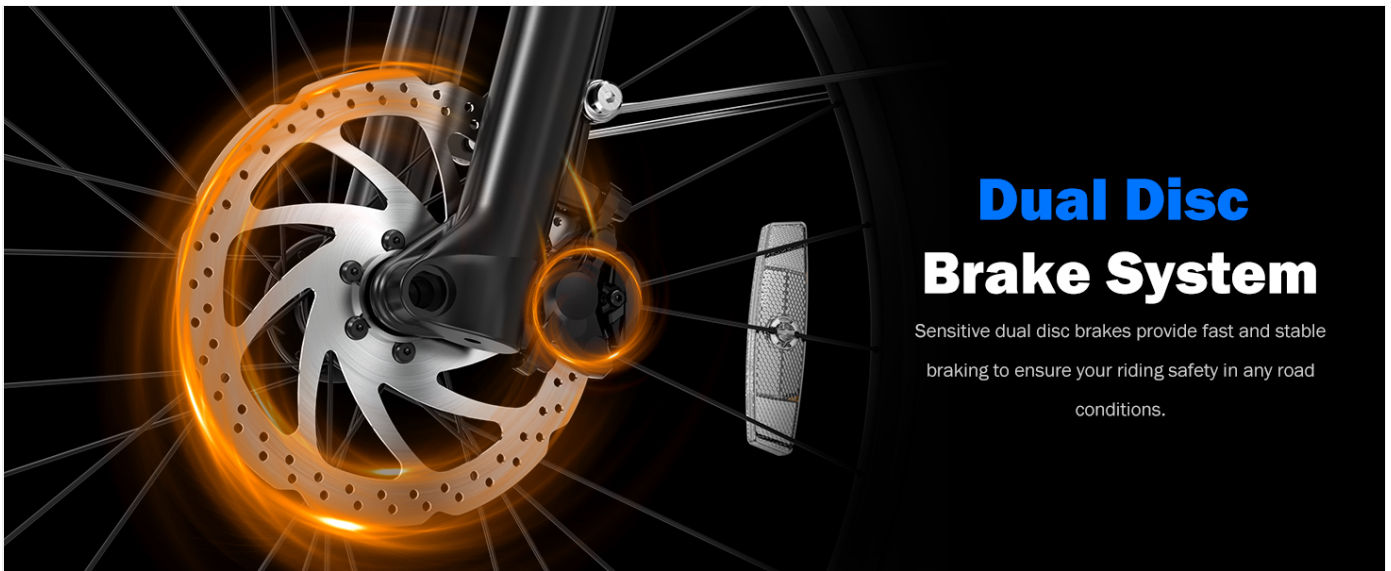
The 48V removable battery can be charged in two ways:

- **On-bike Charging:** Connect the charger directly to the charging port on the bike.
- **Off-bike Charging:** Remove the battery from the bike and connect it to the charger.

A full charge typically takes 5 hours. The battery is IPX6 waterproof and features BMS intelligent safety for over-temp, over-voltage, and over-charger protection.



Image: Illustration of the 48V built-in anti-theft battery, highlighting its BMS intelligent safety features and IPX6 waterproof rating.



## Dual Disc Brake System

Sensitive dual disc brakes provide fast and stable braking to ensure your riding safety in any road conditions.

*Image: Visual representation of the two charging options for the ZDZA ZA02 Electric Bike battery: on-bike and off-bike charging.*

## 6. MAINTENANCE

---

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

- **Tires:** Check tire pressure before each ride. The 26-inch puncture-resistant tires are suitable for various road conditions.
- **Brakes:** Inspect brake pads and rotors regularly for wear. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated.
- **Battery:** Store the battery in a cool, dry place when not in use. Charge regularly, even if not riding frequently, to maintain battery health.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.

# Step-Thru Frame with Rear Rack



Image: The 26-inch puncture-resistant tires, shown suitable for snow, urban, mountain, and beach roads.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated.	Ensure battery is fully charged and securely locked. Check connections.
Motor not assisting	PAS level set to 0, throttle not engaged, or motor connection issue.	Increase PAS level. Ensure throttle is pressed. Check motor cable connections.
Brakes feel weak	Worn brake pads or misaligned calipers.	Inspect and replace brake pads if worn. Adjust brake calipers.

Problem	Possible Cause	Solution
Unusual noises during ride	Loose components, chain issues, or motor problem.	Check all fasteners. Clean and lubricate chain. If noise persists, consult support.

## 8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	ZDZA
Model Name	ZA02
Bike Type	City Bike
Age Range	Adult
Number of Speeds	7
Color	DarkBlack
Wheel Size	26 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Feature	Adjustable Seat
Included Components	Battery
Size	X-Large
Brake Style	Disc
Wheel Width	1.95 Inches
Item Weight	57.9 Pounds
Wattage	499 Watt-hours
Lithium Battery Energy Content	499 Watt Hours
Maximum Weight Recommendation	265 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Trigger
Derailleur Configuration	Rear
UPC	850070933124
Bicycle Drivetrain Type	Derailleur
Manufacturer	Shenzhen Zhida Anda Trading Co., Ltd.
Item Package Dimensions L x W x H	54 x 27.95 x 9.5 inches

Feature	Detail
Package Weight	78 Pounds
Date First Available	June 17, 2025

## Dimensions



Image: Detailed diagram showing the dimensions of the ZDZA ZA02 Electric Bike, including total length, handlebar height, wheelbase, seat heights, and load capacity.

## 9. WARRANTY AND SUPPORT

The ZDZA ZA02 Electric Bike comes with a **1-year warranty**. For warranty claims, technical support, or any inquiries, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact details.



© 2025 ZDZA. All rights reserved.