

[Manuals.plus](#) /

> [ZDZA](#) /

> ZDZA ZD05 Electric Scooter User Manual

## ZDZA ZD05

# ZDZA ZD05 Electric Scooter User Manual

Model: ZD05 | Brand: ZDZA

## 1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your ZDZA ZD05 Electric Scooter. Please read this manual thoroughly before using the scooter to ensure proper function and safety. The ZDZA ZD05 is designed for adult use, offering a powerful 500W motor (750W peak), a top speed of 20 MPH, and a maximum range of 25.6 miles, powered by a 36V 10.4Ah battery. It features 10-inch solid, puncture-proof tires, turn signals, and cruise control for a smooth and secure riding experience. This product has passed the strict UL2272 safety test.

## 2. SAFETY INFORMATION

Always prioritize safety when operating the electric scooter. Wear a helmet and appropriate protective gear. Familiarize yourself with local traffic laws and regulations regarding electric scooters. Avoid riding in adverse weather conditions, on slippery surfaces, or at night without proper lighting. Ensure the scooter is in good working condition before each use. Do not perform stunts or ride recklessly. The maximum weight capacity for this scooter is 265 pounds.

## 3. PACKAGE CONTENTS

- ZDZA ZD05 Electric Scooter
- Charger
- Toolkits
- User Manual

## 4. SETUP

### 4.1 Assembly

The ZDZA ZD05 Electric Scooter comes mostly pre-assembled. The main assembly step involves attaching the

handlebar to the main stem. Carefully connect the internal cables, ensuring they are properly aligned, then secure the handlebar using the provided bolts and toolkit. Refer to the video below for a detailed assembly guide.

**Video:** Assembly and Features Overview. This video demonstrates the unboxing, assembly, and various features of the ZDZA ZD05 Electric Scooter, including connecting the handlebar and initial setup.

## 4.2 Initial Charging

Before your first ride, fully charge the scooter's battery. Locate the charging port, typically on the side of the scooter's deck. Connect the charger to the port and then plug it into a power outlet. The charger's indicator light will typically show red during charging and turn green when fully charged. A full charge can take up to 4 hours. Always charge the battery in a well-ventilated area and do not leave it unattended for extended periods.

**Video:** Charging Process. This segment of the video illustrates how to connect the charger to the scooter and monitor the charging status.

---

# 5. COMPONENTS OVERVIEW

## 5.1 Handlebar and Display

The handlebar features an integrated multifunctional button console for seamless control. This includes the power button, throttle, bell, and turn signal buttons. The central display shows your current speed, selected riding mode, battery level, and trip mileage.

# All-in-one integrated Handlebars For Seamless Control



**Image:** All-in-one integrated Handlebars. This image highlights the various controls and the digital display on the scooter's handlebar, including the bell, turn signal buttons, power button, and throttle.

## 5.2 Lighting System

The scooter is equipped with a bright headlight for visibility during low-light conditions and a taillight that also functions as a brake light. Integrated turn signals on the handlebar ends enhance safety by indicating your turning intentions to others.



**Image:** Turn Signals and Taillight. This image shows the illuminated turn signals on the handlebar ends and the rear taillight, which also serves as a brake light.

### 5.3 Tires

The ZD05 features 10-inch solid, puncture-proof tires. These tires offer a maintenance-free experience and superior cushioning compared to traditional air-filled tires, reducing the risk of flats and providing a smoother ride across various terrains.

**25.6** miles

Range

**500<sup>W</sup>**

Powerful Motor

**20** mph

Top Speed

**10** inch

Solid Tires



**Image:** 10-inch Solid Tires. This image highlights the scooter's 10-inch solid tires, emphasizing their durability and maintenance-free design.

#### 5.4 Folding Mechanism

The scooter incorporates a convenient one-step folding system, making it easy to store and transport. The stem folds down and locks securely to the rear fender, allowing for compact storage or portability when not in use.



**Image:** Foldable Design. This image illustrates the scooter's folding mechanism, showing how it can be compactly stored or carried.

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off

To power on the scooter, press and hold the power button on the handlebar console until the display illuminates. To power off, press and hold the same button until the display turns off.

**Video:** Powering On and Display Functions. This video segment demonstrates how to power on the scooter and navigate through the display settings, including changing speed units and resetting trip data.

### 6.2 Riding Modes

The ZD05 offers four distinct riding modes to suit various preferences and conditions:

- **Push Mode:** Up to 3 MPH (for walking alongside the scooter).
- **ECO Mode:** Up to 9 MPH (for extended range and energy efficiency).
- **D Mode:** Up to 15 MPH (for balanced performance).
- **S Mode:** Up to 20 MPH (for maximum speed and performance).

Toggle between modes using the multifunctional button on the console.



- Gear E:** 9 mph (15km/h)
- Gear D:** 15 mph (25km/h)
- Gear S:** 20 mph (32km/h)
- Pedestrian mode:** 3 mph (km/h)

**Image:** Riding Modes. This graphic illustrates the four available riding modes and their respective speed limits.

### 6.3 Throttle and Braking

To accelerate, gently press the thumb throttle located on the right side of the handlebar. To slow down or stop, use the handbrake lever on the left side. The rear taillight will flash when the brake is engaged, alerting others.

### 6.4 Turn Signals

Activate the turn signals by pressing the corresponding button on the left side of the handlebar. The lights on the handlebar ends will illuminate, and the display will show an arrow indicating your turn. Press the button again to deactivate the signal.

### 6.5 Cruise Control

To engage cruise control, maintain a consistent speed for approximately 8 seconds. The cruise control indicator will appear on the display. To disengage, simply press the brake lever or the throttle.

### 6.6 Folding and Unfolding

To fold the scooter, locate the folding latch near the base of the handlebar stem. Release the latch and carefully fold the stem downwards until it clicks into place with the rear fender. To unfold, reverse the process, ensuring the latch is securely engaged before riding.

**Video:** Folding and Portability. This video demonstrates the scooter's folding mechanism and how easily it can be carried and stored.

---

## 7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ZDZA ZD05 Electric Scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth after use. Avoid using high-pressure water or harsh chemicals.
- **Tires:** Although puncture-proof, regularly inspect tires for wear and tear.
- **Brakes:** Periodically check brake responsiveness and adjust if necessary.
- **Battery Care:** Store the scooter in a cool, dry place. Avoid fully depleting the battery for extended periods. Charge regularly, even if not in frequent use.
- **Storage:** When storing for long periods, ensure the battery is partially charged (around 50-70%) and recharge every 30-60 days.

---

## 8. TROUBLESHOOTING

If you encounter any issues with your ZDZA ZD05 Electric Scooter, please refer to the following common troubleshooting tips:

- **Scooter not turning on:** Ensure the battery is charged. Check all cable connections.
- **Reduced range/speed:** This could be due to low battery, riding uphill frequently, heavy load, or cold weather.
- **Brakes not responsive:** Inspect brake cables and pads for wear. Adjust the brake tension if needed.
- **Unusual noises:** Stop riding immediately and inspect the scooter for loose parts or damage.

For persistent issues, contact customer support or refer to the detailed troubleshooting section in the included user manual.

---

## 9. SPECIFICATIONS

<b>Brand</b>	ZDZA
<b>Model Name</b>	ZD05
<b>Motor Power</b>	500W (750W Peak)
<b>Max Speed</b>	20 MPH
<b>Max Range</b>	25.6 Miles
<b>Battery</b>	36V 10.4Ah
<b>Tire Type</b>	10-inch Solid, Puncture-Proof
<b>Weight Capacity</b>	265 Pounds
<b>Item Weight</b>	37.5 lbs
<b>Product Dimensions</b>	44.5"L x 19.5"W x 45.5"H
<b>Special Features</b>	Turn Signals, Cruise Control, Foldable, UL2272 Certified

---

## 10. WARRANTY AND SUPPORT

ZDZA offers a 1-year limited warranty on the scooter and 180 days on different parts. For warranty claims, technical support, or any inquiries, please refer to the contact information provided in your product packaging or visit the official ZDZA website.