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**DYU C3**

# DYU C3 Electric Bike User Manual

Model: C3 | Brand: DYU

## 1. Introduction and Overview

The DYU C3 Electric Bike is a versatile and efficient personal transportation solution, perfect for urban commuting and recreational rides. Its compact, foldable design allows for easy storage and portability, while the powerful motor and long-lasting battery ensure a smooth and enjoyable riding experience.




Figure 1.1: The DYU C3 Electric Bike, showcasing its sleek design and compact form factor.

Key features include a 350W high-speed brushless motor, a 36V 7.5Ah lithium battery offering up to 25 miles in pedal-assist mode, and dual disc brakes for reliable stopping power. The bike also features three riding modes: Pure Electric, Pedal Assist, and Normal Bicycle mode, providing flexibility for various riding needs.

## 2. Setup and Assembly

Your DYU C3 Electric Bike comes mostly pre-assembled. Follow these steps to complete the setup and prepare for your first ride.

### 2.1 Unpacking

Carefully remove the bike from its packaging. All components are well-protected to prevent damage during transit. Remove all protective foam and ties.

## 2.2 Unfolding the Bike

The bike arrives in a folded state. Unfold the main frame, secure the handlebar stem, and adjust the seat post to your desired height. Ensure all quick-release levers are securely fastened.




Figure 2.1: The foldable lightweight frame of the DYU C3, designed for easy storage and transport.

## 2.3 Attaching Pedals and Fenders

Attach the pedals to the crank arms. Note that pedals are typically marked 'L' for left and 'R' for right. Ensure they are tightened securely. The fenders are usually pre-installed, but ensure their fasteners are tight.




Figure 2.2: Close-up view of bike details, including dual disc brakes, bright headlight, adjustable seat, and multi-function button.

### 2.4 Initial Battery Charge

It is recommended to fully charge the battery before your first ride. Locate the charging port on the bike and connect the provided charger. The indicator light on the charger will show the charging status.

### 2.5 Installation Guide Video

Video 2.1: Official C3 Installation Guide. This video provides a step-by-step visual demonstration of the assembly process, including unfolding, attaching components, and initial checks.

## 3. Operating Instructions

Familiarize yourself with the controls and riding modes before operating the bike.

### 3.1 Powering On/Off

Locate the power button on the handlebar. Press and hold to turn the bike on or off. The display will illuminate,

showing battery level and speed settings.

## 3.2 Riding Modes

The DYU C3 offers three distinct riding modes:

- **Pure Electric Mode:** Engage the throttle to ride without pedaling. Ideal for effortless cruising.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, making longer rides or inclines easier.
- **Normal Bicycle Mode:** Turn off the power and ride it like a traditional bicycle, relying solely on pedal power.




Figure 3.1: Visual representation of the three riding modes: Throttle Mode, Pedal Assist, and Bicycle Mode.

## 3.3 Braking

The bike is equipped with dual disc brakes for effective stopping. Use both front and rear brakes simultaneously for optimal control and safety. Always test your brakes before each ride.

## 3.4 Controls Overview Video

Video 3.1: This official video demonstrates the various controls and features of the DYU C3 14-inch foldable electric bike, including

power, throttle, and display functions.

## 4. Maintenance

Regular maintenance ensures the longevity and safe operation of your DYU C3 Electric Bike.

### 4.1 Battery Care

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

### 4.2 Tire Pressure

Maintain proper tire pressure as indicated on the tire sidewall (typically 25-45 PSI). Check tire pressure before each ride to ensure optimal performance and safety.

### 4.3 Brake Inspection

Regularly inspect the dual disc brakes for wear and tear. Ensure brake levers are responsive and provide adequate stopping power. Adjust or replace brake pads as needed.

### 4.4 General Cleaning

Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components. Lubricate the chain periodically to ensure smooth operation.

## 5. Troubleshooting

If you encounter any issues with your DYU C3 Electric Bike, please refer to the following common troubleshooting tips. For more complex problems, contact customer support.

- **Bike not powering on:** Ensure the battery is fully charged and properly seated. Check all connections.
- **Motor not assisting:** Verify that the bike is in Pure Electric or Pedal Assist mode. Check battery level.
- **Brakes feel weak:** Inspect brake pads for wear. Adjust brake cable tension if necessary.
- **Unusual noises:** Check for loose components, chain issues, or debris in the wheels/brakes.

## 6. Specifications

| Feature | Specification |
|---|---|
| Bike Type | Electric Bike |
| Motor Wattage | 350 watts |
| Battery | 36V 7.5Ah Lithium Battery (2.7E+2 Watt Hours) |
| Wheel Size | 14 Inches |
| Max Speed | Up to 15.5 mph |
| Range (Electric-only) | 25 km / 15.5 miles |
| Range (Pedal-assist) | 40 km / 25 miles |

| | |
|---|---|
| Frame Material | Aluminum |
| Brake Style | Disc (Dual Disc Brakes) |
| Folded Size | 50.2 x 8.66 x 24.02 inches |
| Bicycle Weight | 44.75 lbs (approx. 20.3 kg) |
| Maximum Weight Recommendation | 265 Pounds |
| Suspension Type | Rear (Shock Absorbing Seat Tubes) |

## 7. Warranty and Support

The DYU C3 Electric Bike comes with a**1-year limited warranty**. For any warranty claims, technical support, or inquiries, please contact DYU customer service.
You can reach our support team via email at:supportus@dyucycle.com
Please provide your product model and purchase details when contacting support for faster assistance.


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