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YADEA COCOA

YADEA 500W Electric Bike User Manual

Model: COCOA

1. INTRODUCTION

Welcome to your new YADEA 500W Electric Bike. This manual provides essential information for safe operation, maintenance, and optimal performance of your e-bike. Please read it thoroughly before your first ride.

The YADEA Cocoa electric bike is designed for eco-friendly commuting and cargo transport, featuring a powerful 500W motor, a high-density LG 45V 15Ah battery for extended range, and a comfortable, adjustable design. It's built for durability and convenience in urban adventures.



Image: The YADEA Cocoa Electric Bike, showcasing its design and integrated front basket.

2. SAFETY INFORMATION

Your safety is paramount. Adhere to these guidelines to ensure a safe riding experience.

- Always wear a certified helmet when riding your e-bike.
- Familiarize yourself with local traffic laws and e-bike regulations.
- Perform a pre-ride check before each use: inspect brakes, tire pressure, battery charge, and ensure all lights are functional.
- The battery is equipped with a Battery Management System (BMS) for protection against overcharging, over-discharging, and overheating.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.



Image: A rider demonstrating safe operation of the YADEA e-bike in an urban environment.



Image: Two riders enjoying their YADEA e-bikes on a scenic path, highlighting the bike's suitability for leisure and safe outdoor activity.

3. PACKAGE CONTENTS

Upon opening your YADEA Electric Bike package, please ensure all the following components are present:

- YADEA 500W Electric Bike (main frame, wheels, handlebars, seat)
- Removable LG 45V 15Ah Battery (may be pre-installed)
- Battery Charger
- Bell
- User Manual (this document)
- Basic Assembly Tools (if applicable)

4. SETUP AND ASSEMBLY

Your YADEA Cocoa electric bike requires some final assembly upon arrival. Follow these steps carefully.

4.1 Unpacking

1. Carefully remove the bike and all components from the packaging.
2. Inspect for any shipping damage. Contact customer support immediately if damage is found.

4.2 Handlebar Installation

Attach the handlebars to the stem, ensuring all bolts are securely tightened. Refer to the included quick-start guide for specific torque settings.

4.3 Pedal Installation

Identify the left (L) and right (R) pedals. Thread them into the corresponding crank arms. Note that the left pedal is reverse-threaded (turn counter-clockwise to tighten). Ensure they are tightened securely.

4.4 Seat Post and Saddle Adjustment

Insert the seat post into the frame and adjust the saddle height for comfortable riding. The adjustable seat feature accommodates riders from 5' to 6'5". Ensure the quick-release lever or bolt is securely fastened after adjustment.



Image: A side profile of the YADEA Cocoa e-bike, useful for visual reference during assembly.



Image: Detail of the adjustable saddle and robust rear rack, emphasizing comfort and utility.

5. OPERATING YOUR E-BIKE

Learn how to operate your YADEA electric bike for an optimal riding experience.

5.1 Battery Charging

Before your first ride, fully charge the LG 45V 15Ah battery. Connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will change when fully charged. The battery is BMS-protected for safe charging.



Image: The integrated battery pack, designed for easy charging and secure placement.

5.2 Smart Display (5.5" TFT)

The intuitive 5.5" TFT smart display provides real-time information essential for your ride, including:

- Current Speed
- Total Mileage
- Battery Level
- Calories Expended
- Carbon Emissions Saved

Multiple Universal Mounting Points Meets Various Carrying Needs.



Image: The smart display providing comprehensive ride data at a glance.

5.3 Riding Modes

Your YADEA e-bike offers three distinct riding modes to suit your needs:

- **EV Mode (Pure Electric):** Provides effortless electric propulsion without pedaling. Offers a range of up to 37 miles.
- **ECO Mode (Pedal-Assist):** Assists your pedaling for extended range, up to 60 miles. Ideal for longer commutes and conserving battery.
- **Sport Mode (Manual):** No power assist. Ride like a traditional bicycle, ideal for calorie burning and exercise.

5.4 Shifting Gears

The Shimano 7-speed gears allow for smooth transitions across various terrains. Use the shifter on the handlebars to change gears, adapting to inclines or flat roads for efficient riding.

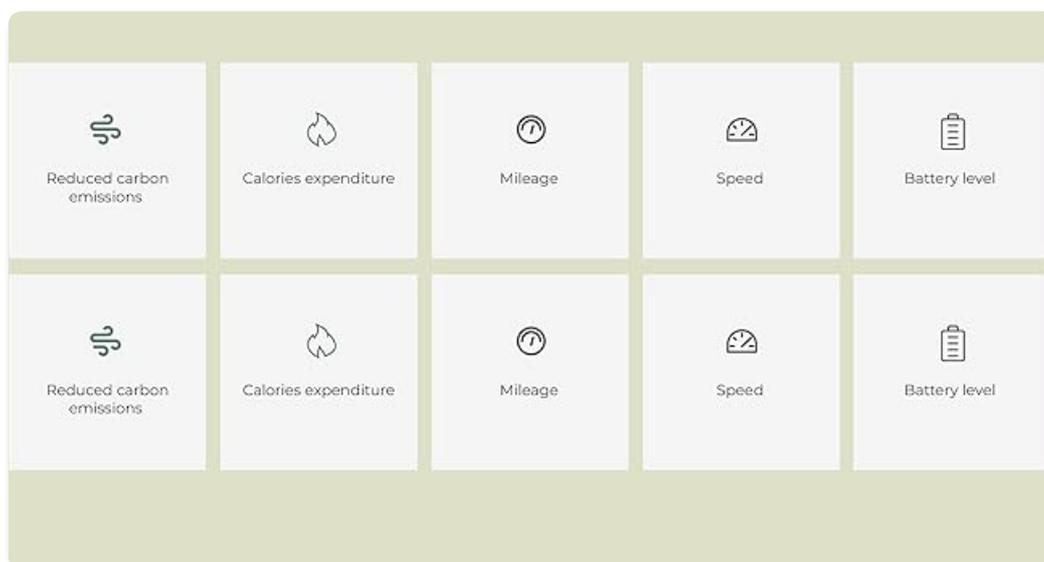


Image: The Shimano 7-speed gear system, ensuring smooth and reliable shifting.

5.5 Braking System

The hydraulic disc brakes provide reliable stopping power in various conditions. Always apply both brakes simultaneously for optimal control and shorter stopping distances.



Image: The hydraulic disc brake system, designed for responsive and powerful braking.

5.6 Lighting

The automatic LED headlights enhance visibility and safety, especially in low-light conditions or at night. Ensure they are clean and unobstructed.

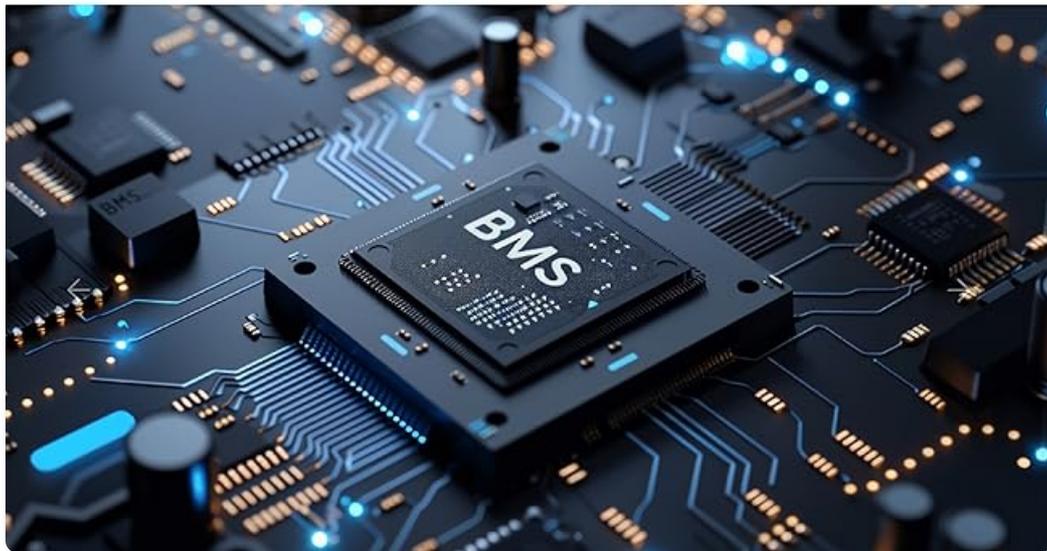


Image: The powerful LED headlight, providing clear illumination for night riding.

5.7 Cargo Features

The YADEA Cocoa is designed with versatility in mind, featuring a 35-lb capacity front basket and a 110-lb capacity rear rack. Universal mounting points support additional accessories like baby seats or panniers, making it ideal for errands or family outings.



Image: The robust rear cargo rack, ready for various carrying needs.



Image: The front basket in use, showcasing the bike's practical cargo capabilities for daily tasks.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your YADEA electric bike.

6.1 Regular Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components. The bike has an IP65 waterproofing rating, but direct high-pressure water can still cause issues.

6.2 Tire Pressure

Check the pressure of the 20x3.0" anti-slip fat tires before each ride. Maintain the recommended PSI (found on the tire sidewall) for optimal performance, comfort, and safety.

6.3 Chain Lubrication

Lubricate the rust-proof chain regularly, especially after riding in wet conditions, to ensure smooth operation and prevent wear.

6.4 Brake Inspection

Periodically inspect brake pads and rotors for wear. Adjust or replace them as needed. If you notice reduced braking performance or unusual noises, have them checked by a professional.

6.5 Battery Care

Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery for extended periods. Charge it regularly, even if the bike is not being used, to maintain battery health.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your YADEA electric bike.

7.1 Bike Not Powering On

- Check if the battery is properly seated and locked into place.
- Ensure the battery is charged. Connect the charger and check the charging indicator.
- Press and hold the power button on the display for a few seconds.

7.2 Motor Not Assisting

- Verify that the selected riding mode is not Sport Mode (which provides no assist).
- Check the battery level on the display; a low battery will reduce or stop assist.
- Ensure the pedal-assist sensor (PAS) is clean and unobstructed.

7.3 Brakes Squealing

- Clean brake rotors and pads with a clean cloth and rubbing alcohol.
- Check for proper alignment of calipers. If the issue persists, professional adjustment may be needed.

7.4 Display Not Working

- Check all cable connections to the display for looseness or damage.

- Ensure the battery has sufficient charge.
- If the display remains unresponsive, contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for your YADEA 500W Electric Bike.

Feature	Detail
Bike Type	Electric Bike
Model Name	COCOA
Brand	YADEA
Motor Wattage	500 watts (Rear Hub Motor)
Battery	LG 45V 15Ah (BMS-protected)
Max Range (ECO Mode)	Up to 60 miles
Max Range (Pure Electric)	Up to 37 miles
Number of Speeds	7 (Shimano)
Brake Style	Hydraulic Disc
Wheel Size	20 Inches
Tires	20x3.0" Anti-slip Fat Tires
Frame Material	Aluminum Alloy
Suspension Type	Dual
Display	5.5" TFT Smart Display
Front Basket Capacity	35 lbs
Rear Rack Capacity	110 lbs
Waterproofing	IP65
Included Components	Bell
Assembly Required	Yes

9. WARRANTY AND SUPPORT

Your YADEA 500W Electric Bike is backed by a comprehensive warranty to ensure your peace of mind:

- **5-Year Motor Warranty**
- **1-Year Coverage** for the battery, frame, and other components.

For warranty claims, technical support, or any questions not covered in this manual, please visit the official YADEA website or contact their customer service directly.

You can also find more information and products at the official YADEA Store on Amazon:

[Visit the YADEA Store on Amazon](#)