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> APYEAR 14in A1 Folding Electric Bike User Manual

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Model: 14in A1 | Brand: APYEAR

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your APYEAR 14in A1 Folding Electric Bike. Please read it thoroughly before your first ride and keep it for future reference. The APYEAR Electric Bike is designed for adults, offering a convenient and efficient mode of transport for commuting and leisure.

2. UNBOXING & ASSEMBLY

Your APYEAR 14in A1 Electric Bike arrives approximately 95% pre-assembled. Final assembly steps primarily involve attaching the handlebars, pedals, and adjusting the seat. A basic tool kit is included for these steps.

Video: APYEAR Q3 Foldable electric bicycle installation guide. This video demonstrates the assembly process for a similar APYEAR foldable electric bicycle model.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your electric bike:

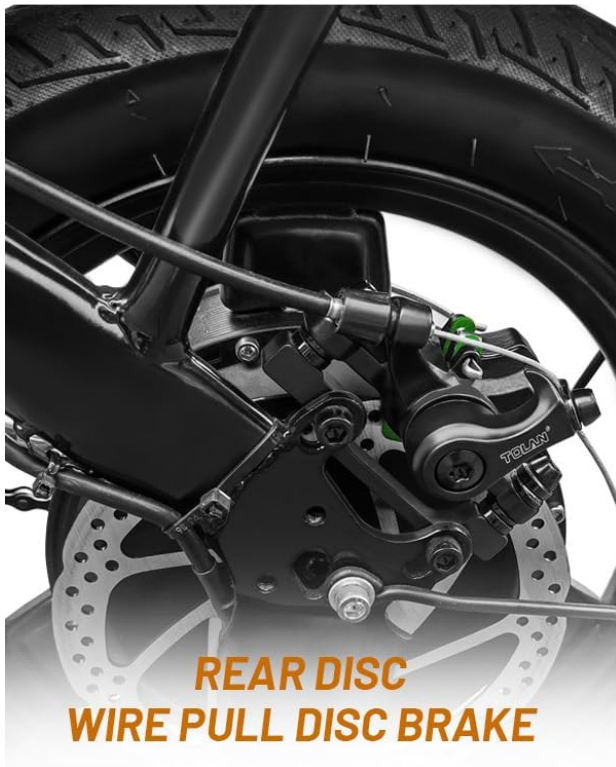
- **Motor:** 350W brushless hub motor for efficient power delivery.
- **Battery:** 48V 12Ah (576Wh) anti-theft lithium battery, removable for charging.
- **Brakes:** Front and rear disc brake system for reliable stopping power.
- **Suspension:** Features a seat, mid-mount, and front fork damping system for a comfortable ride.
- **Lighting:** Integrated front LED headlight and rear taillight for enhanced visibility.
- **Display:** Smart LCD display on the handlebar shows battery level and other information.



SMART LCD DISPLAY



REMOVABLE BATTERY



**REAR DISC
WIRE PULL DISC BRAKE**



**COMFORTABLE
ADJUSTABLE CUSHION**

Image: Detailed view of the smart LCD display, removable battery, rear disc brake system, and comfortable adjustable seat cushion.



Image: Illustration highlighting the 350W brushless motor and the 48V 12Ah removable battery, along with key performance metrics.

4. BATTERY & CHARGING

The bike is equipped with a 48V 12Ah (576Wh) anti-theft lithium battery. This high-capacity battery allows for 20+ miles in pure electric mode. The battery can be removed for charging or charged while installed on the bike. A key is required to unlock and remove the battery, providing an anti-theft measure.

- **Initial Charge:** For the first use, charge the battery for 4-5 hours.
- **Charging Process:** Ensure the battery power is connected before riding. The charger will indicate charging status.
- **Security:** Four keys are provided with the bike. Keep them safe as replacements for the battery lock may not be available.

Video: Demonstration of the removable battery feature and charging process for the APYEAR Folding Ebike.

5. RIDING MODES

Your APYEAR Electric Bike offers three distinct riding modes to suit various preferences and conditions:

- **Pure Electric Mode:** Provides 100% electric power. Simply rotate the throttle without pedaling.
- **Pedal-Assist Mode:** Offers 50% assistance. Pedal normally, and the motor provides additional power. This mode extends battery range to 20+ miles.
- **Normal Bicycle Mode:** 0% assistance. Ride the bike like a traditional bicycle, relying solely on your pedaling power.

THREE RIDING MODES

Each mode provides different speeds, and you can choose a cycling mode that is more suitable for you based on road conditions and battery level

100%

⚡ ELECTRIC MODE

After powering on, simply rotate the handle without using the pedals.

50%

⚡ ASSISTED MODE

After powering on pedal for a dozen meters then engage the handle rotation for assistance.

0%

⚡ FITNESS MODE

Powered off riding relying solely on pedaling.



Image: Visual representation of the three riding modes: 100% Electric, 50% Assisted, and 0% Fitness (Pedal-only).

6. SAFETY & VISIBILITY

The APYEAR 14in A1 Electric Bike is designed with safety in mind:

- **UL 2849 Certified:** This electric bike has passed the required UL 2849 certification for electrical safety.
- **Lighting System:** Equipped with a super bright LED headlight and a red warning taillight to ensure enhanced visibility and safer riding during nighttime.
- **Braking:** Reliable disc brake system provides effective stopping power.

NIGHTTIME VISIBILITY

RANGE EXPANDED SAFE RIDING AT NIGHT

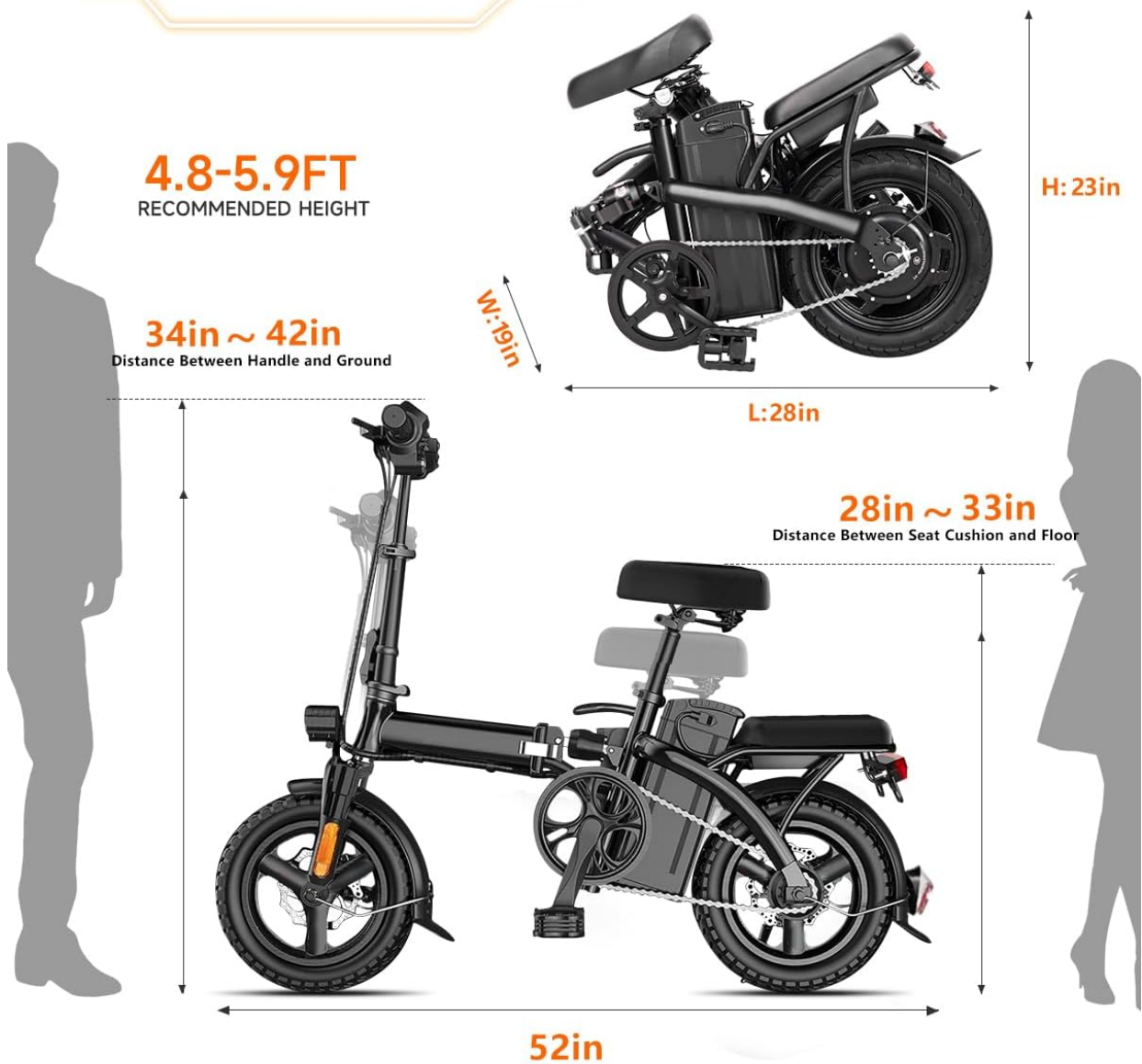


Image: The electric bike shown with its headlight and taillight illuminated, emphasizing nighttime visibility for safe riding.

7. FOLDING & PORTABILITY

The folding design allows for easy storage and transport. When folded, the bike dimensions are approximately 28x19x23 inches, making it convenient to carry and fit into a car trunk. This feature makes it ideal for urban commuting, travel, or recreational use.

FOLDING DESIGN FOR EASY PORTABILITY



TIPS: THERE IS A SLIGHT ERROR IN MANUAL MEASUREMENT

Image: Diagram illustrating the folding mechanism and the compact dimensions of the bike when folded, highlighting its portability.

Video: A short preview demonstrating the folding capability of the APYEAR Electric Bike.

8. OPERATION

To operate your APYEAR Electric Bike, first ensure the battery is charged and properly connected. Insert the key into the ignition and turn it to power on the bike. The smart LCD display will show the battery level. Select your desired riding mode (Pure Electric, Pedal-Assist, or Normal Bicycle) using the controls on the handlebar. Use the throttle for electric propulsion or pedal for assistance. Always use the disc brakes for controlled stopping.

9. MAINTENANCE

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

- **Battery Care:** Always ensure the battery is connected before riding. For initial use, charge for 4-5 hours.
- **Key Management:** Four keys are included. Keep them in a safe place to prevent loss, as replacement keys for the anti-

theft battery may not be available.

- **General Inspection:** Regularly check brakes, tires, and all moving parts for wear and tear.

10. TROUBLESHOOTING

If you encounter issues, ensure the battery is fully charged and properly connected. If the bike does not power on, verify the key is correctly inserted and turned. For any persistent issues, refer to the warranty and support section for assistance.

11. SPECIFICATIONS

- **Bike Type:** Electric Bike
- **Brand:** APYEAR
- **Model Name:** Folding Electric bicycle black
- **Age Range:** Adult
- **Color:** black
- **Wheel Size:** 14 Inches
- **Frame Material:** Aluminum
- **Suspension Type:** Front
- **Special Feature:** Foldable
- **Included Components:** Kickstand, Lock, Tool Kit
- **Brake Style:** Disc
- **Power Source:** Electric
- **Wattage:** 350 watts
- **Lithium Battery Energy Content:** 576 Watt Hours (48V 12Ah)
- **Maximum Weight Recommendation:** 265 Pounds
- **Assembly Required:** Yes
- **Voltage:** 48 Volts
- **Electric Assist Type:** pedalec

12. WARRANTY & SUPPORT

The APYEAR Electric Bike comes with a limited warranty of 90 days covering non-human damage. For any questions or after-sales service, please reach out to us by email or online. Our after-sales service aims for 100% satisfaction.