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APYEAR 14in Folding A1

APYEAR Electric Bike User Manual

Model: 14in Folding A1

Introduction

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your APYEAR 14in Folding A1 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your electric bicycle.



Image: The APYEAR 14in Folding A1 Electric Bike in its unfolded state, showcasing its compact design and key components. A smaller inset image shows the bike in its folded configuration.

Safety Guidelines

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not exceed the maximum weight recommendation of 220 pounds.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure all folding mechanisms are securely locked before riding.

Setup and Assembly

Your APYEAR electric bike arrives 90%-95% pre-assembled. Final assembly primarily involves attaching the front wheel, handlebars, and pedals. A tool kit is included to assist with this process.

Unpacking and Initial Inspection

1. Carefully remove the electric bike and all components from the packaging.
2. Inspect for any visible damage that may have occurred during shipping. Report any damage to customer support immediately.
3. Verify all included components are present: electric bicycle, charger, kickstand, pedals, and tool kit.



Image: An illustration showing the contents of the APYEAR Electric Bike package, including the folded bike, tool kit, pedals, charger, and instructions.

Folding and Unfolding

The APYEAR 14in Folding A1 Electric Bike features a convenient folding design for portability and storage. The folded size is approximately 28x19x23 inches.

- To fold the bike, locate the quick-release levers on the frame and handlebar stem. Follow the instructions in the included manual for specific steps.
- When unfolding, ensure all locking mechanisms click into place securely before riding.

FOLDING DESIGN FOR EASY PORTABILITY

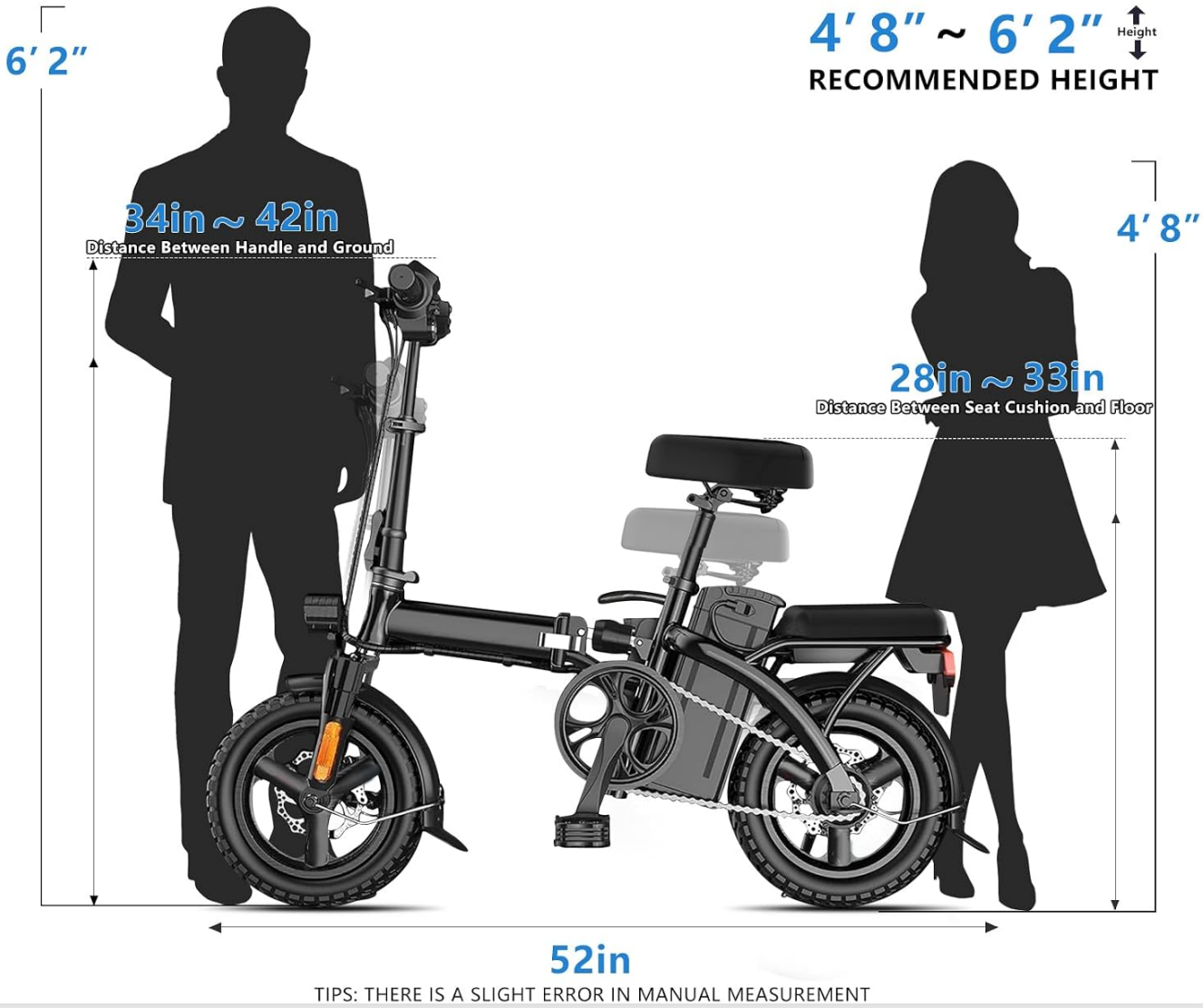


Image: The APYEAR Electric Bike shown in both its unfolded and compact folded states, highlighting its portability.

Folding 14" Small Electric Bike

The weight is only 65LBS,designed handle in the middle, which makes it easy to pick up the folded electric bicycle. Easy to store and takes up little space.



Image: The APYEAR 14" Small Electric Bike in its folded configuration, demonstrating its compact size for easy storage and transport.

Operating Instructions

Battery and Charging

The electric bicycle is equipped with a 48V 12Ah high-capacity lithium battery (576Wh). It is removable for convenient charging.

- **First Charge:** Allow the first battery charge to last 4-5 hours. The charger light will turn green when fully charged, but it is recommended to continue charging for an additional 1-2 hours for optimal initial conditioning.
- **Regular Charging:** Subsequent charges typically take 4-5 hours.
- **Battery Level:** It is recommended to keep the battery power above 20% to prevent power loss and prolong battery life.
- **Charging Method:** You can charge the battery while it is installed on the bike, or remove it for charging. A key is required to remove the battery, providing an anti-theft feature.



Image: A close-up view of the 48V 12Ah removable lithium battery on the APYEAR Electric Bike, showing its integration into the frame.



Image: An illustration demonstrating the two methods of charging the APYEAR Electric Bike battery: directly on the bike or removed for charging.

Riding Modes

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

1. **Pure Electric Mode:** Engages the 500W brushless motor for propulsion without pedaling. Maximum speed up to 20 MPH.
2. **Pedal-Assist Mode:** The motor provides assistance as you pedal, extending your range up to 20+ miles on a full charge. This mode is ideal for longer rides or tackling inclines.
3. **Normal Bicycle Mode:** The electric bike functions as a traditional bicycle, relying solely on pedal power. The motor is disengaged in this mode.



Image: A detailed view of the 500W powerful motor and 48V 12Ah battery, highlighting their contribution to speed, range, and charging time.

Display and Controls

The bike is equipped with an LED display that shows essential information such as battery level. The twist grip shifter allows for easy control of the riding modes.



Image: A composite image showing the multi-function LCD display on the handlebars, the rear taillight, and the rear disc brakes of the APYEAR Electric Bike.

Lighting System

For safe riding at night, the bike features integrated front and rear lights.

- The bright headlights provide a warning range of approximately 140 degrees.
- The taillight offers a warning range of approximately 220 degrees, enhancing rear visibility.



Image: An illustration demonstrating the 360-degree night light range provided by the bright headlight and taillight, ensuring safe riding in low-light conditions.

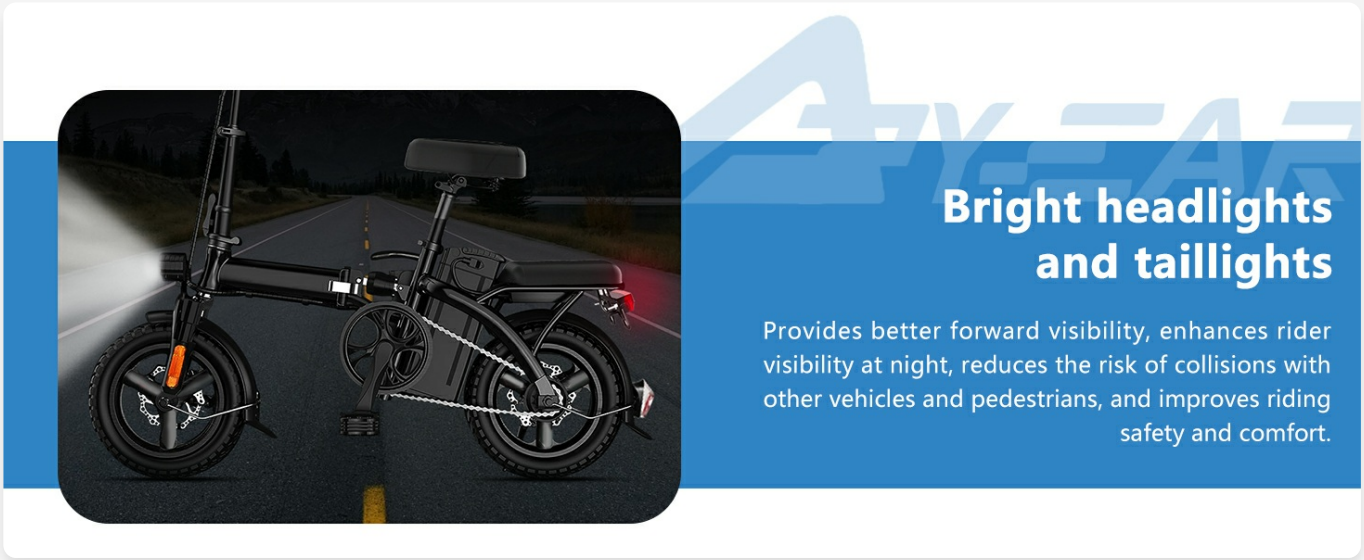


Image: A visual representation of the APYEAR Electric Bike's bright headlights and taillights, emphasizing improved visibility and safety during night rides.

Maintenance

Battery Care

- Always use the original charger provided with your bike.
- Do not overcharge the battery. Disconnect the charger once the charging cycle is complete.
- Store the battery in a cool, dry place when not in use, ideally between 20% and 80% charge if storing for extended periods.
- Avoid exposing the battery to extreme temperatures.

General Bike Maintenance

- **Tires:** Regularly check tire pressure and inflate to the recommended PSI (usually found on the tire sidewall).
- **Brakes:** Inspect disc brakes for wear and ensure they are functioning correctly. The rear disc cable pull disc brake offers potent braking capability.
- **Chain:** Keep the chain clean and lubricated to ensure smooth operation and prevent rust.
- **Fasteners:** Periodically check all bolts and fasteners for tightness, especially after the first few rides.
- **Cleaning:** Clean the bike with a damp cloth and mild detergent. Avoid using high-pressure washers directly on electrical components.

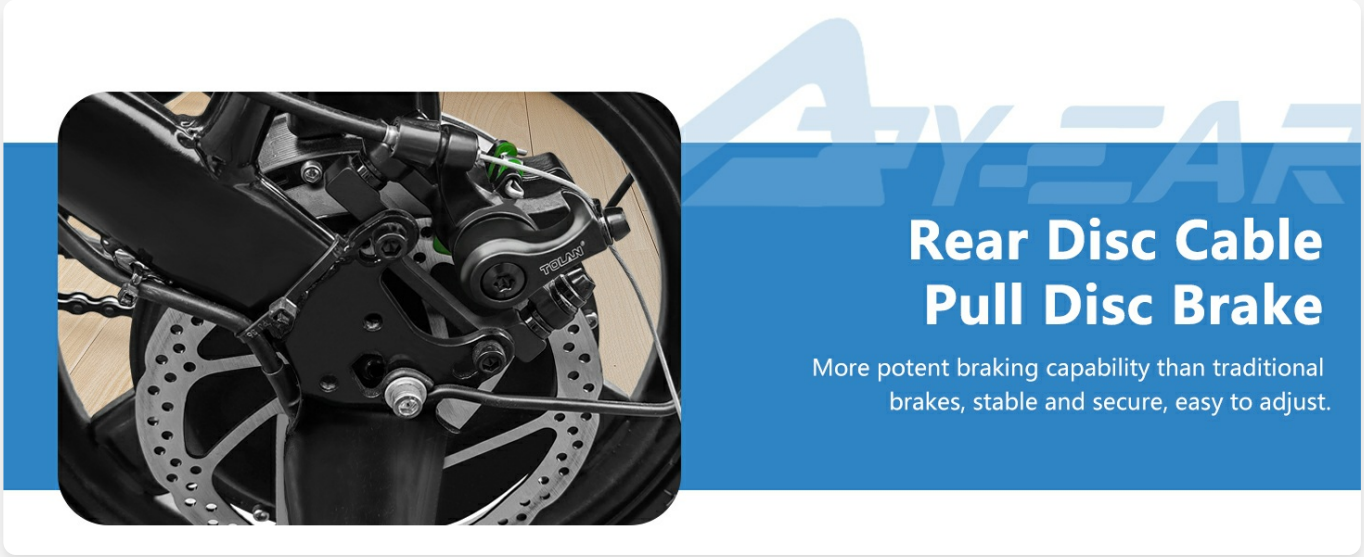


Image: A close-up view of the rear disc cable pull disc brake system on the APYEAR Electric Bike, emphasizing its stable and secure design.

Troubleshooting

This section provides solutions to common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is low or not connected.	Ensure battery is fully charged and securely inserted. Check that the battery key is turned to the 'ON' position.
Motor not assisting.	Battery low, riding mode incorrect, or loose connection.	Check battery level. Ensure you are in Pure Electric or Pedal-Assist mode. Inspect motor and controller connections.
Brakes feel weak.	Brake pads worn or cable needs adjustment.	Inspect brake pads for wear and replace if necessary. Adjust brake cable tension.
Unusual noises during riding.	Loose components, chain issues, or motor problem.	Check all bolts and fasteners. Lubricate chain. If noise persists, contact support.

Specifications

Feature	Detail
Bike Type	Electric Bike
Model Name	Folding Electric bicycle BLACK (14in Folding A1)
Brand	APYEAR
Age Range (Description)	Adult
Motor	500W Brushless Motor
Max Speed	20 MPH

Feature	Detail
Battery	48V 12Ah (576Wh) Removable Lithium Battery
Charging Time	4-5 hours (initial 4-5 hours + 1-2 hours for conditioning)
Range (Pedal-Assist)	20+ Miles
Number of Speeds	3 (Pure Electric, Pedal-Assist, Normal Bicycle)
Wheel Size	14 Inches
Frame Material	Aluminum
Suspension Type	Front, Saddle, Mid-mounted (Multiple Shock Absorption)
Brake Style	Disc (Rear Disc Cable Pull Disc Brake)
Folded Dimensions	Approx. 28 x 19 x 23 inches
Maximum Weight Recommendation	220 Pounds
Included Components	Charger, Kickstand, Pedal, Tool Kit
UL & GCC Certified	Yes



Image: A diagram illustrating the multiple shock absorption design of the APYEAR Electric Bike, including front shock, saddle shock, and mid-mounted suspension.

Multiple Impact Protection Design

Electric bicycles use three impact protection:
front fork, center and seat cushion.
They can effectively alleviate the bumps caused by
bumpy roads , provide good riding comfort and stability.



Image: A visual explanation of the APYEAR Electric Bike's multiple impact protection design, featuring front fork, center, and seat cushion suspension for a comfortable ride.



Image: A close-up of the 48V 12Ah lithium battery, detailing its travel distance and charging time.

Warranty and Support

Warranty Information

The APYEAR Electric Bike comes with a**Limited 90-day warranty** covering non-human damage. Please retain your purchase receipt for warranty claims.

Customer Support

For any questions, concerns, or assistance with assembly, operation, or troubleshooting, please reach out to APYEAR customer service.

- **Contact Method:** You can contact the seller directly through your order details on Amazon.

- **Response Time:** Customer service aims to reply as soon as possible, typically within 24 hours on working days.
- **Returns:** If a return is necessary, please keep the original box and pack all accessories. A return label will be provided.
- **Important Note on Keys:** The bike comes with a total of four keys. Please keep them well to prevent loss, as separate replacement keys may not be available.

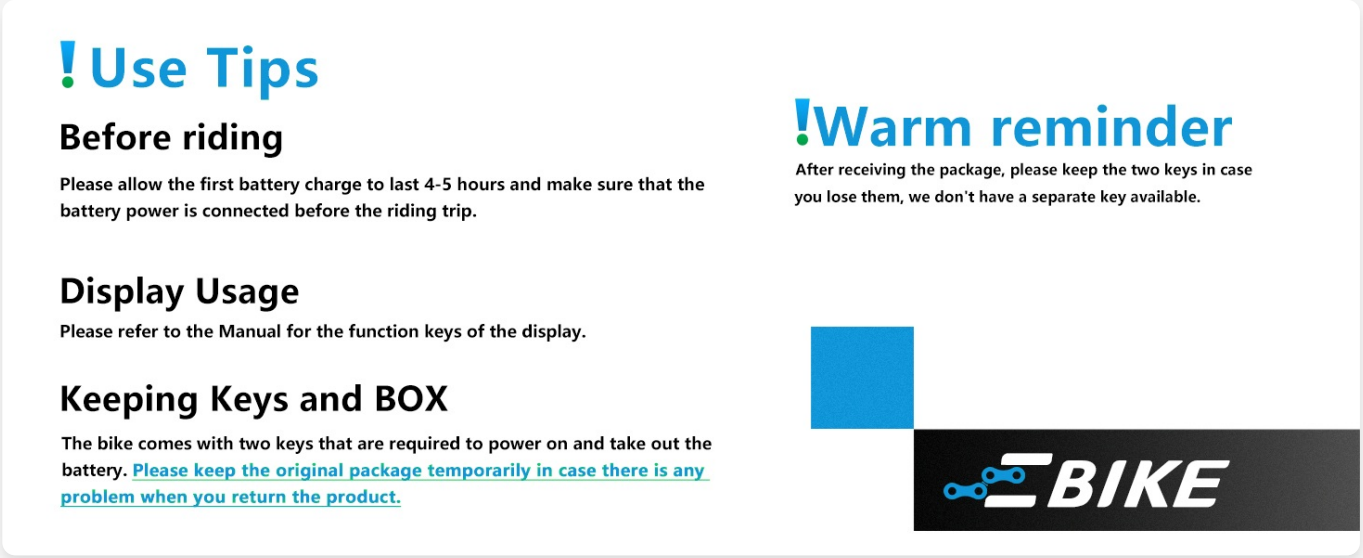


Image: A graphic providing essential use tips, including initial charging instructions, display usage, and advice on keeping the battery keys and original packaging.

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