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APYEAR Q3-enhanced Version

APYEAR Q3-Enhanced Electric Folding Bike User Manual

Model: Q3-enhanced Version

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and care of your APYEAR Q3-Enhanced Electric Folding Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Adherence to these instructions will ensure optimal performance and longevity of your electric bike.



Figure 1: APYEAR Q3-Enhanced Electric Folding Bike. This image displays the complete electric folding bike in a natural setting, showcasing its compact design and key features.

2. Setup and Assembly

Your APYEAR Q3-Enhanced Electric Folding Bike arrives approximately 95% pre-assembled. Follow these steps to complete the setup:

1. **Unfolding the Bike:** Carefully unfold the frame and secure all locking mechanisms. Ensure the handlebars and

seat post are properly aligned and locked into position.

2. **Handlebar and Seat Adjustment:** Adjust the handlebar height and seat height to a comfortable riding position. Ensure all quick-release levers are securely tightened after adjustment.
3. **Battery Installation and Initial Charge:** The bike includes a 48V 12Ah (576Wh) removable lithium battery. Install the battery securely into its compartment. For the first use, charge the battery for 4-5 hours. Ensure the battery power is connected before riding.
4. **Key Management:** The package contains four keys. Two keys are required to power on the bike and remove the battery. Keep all keys in a safe place to prevent loss.
5. **Pre-Ride Checks:** Before your first ride, inspect tire pressure, brake function, and ensure all bolts and fasteners are tight.



Figure 2: Adjustable Seat and Handlebars. This image illustrates the adjustable seat and handlebar components, highlighting the comfort features for various rider heights.



Figure 3: Electric Bike Dimensions and Rider Height Guide. This graphic provides detailed measurements of the bike and recommended rider height (4.8-5.9 ft) for optimal fit.

3. Operating Instructions

3.1 Riding Modes

Your electric bike offers three distinct riding modes:

- **Pure Electric Mode:** Engages the motor fully, allowing you to ride without pedaling. Provides a range of 20+ miles on a full charge.
- **Pedal-Assist Mode:** The motor provides assistance as you pedal, extending your range to 20+ miles and making pedaling easier.
- **Normal Bicycle Mode:** The motor is disengaged, and the bike operates like a traditional bicycle, relying solely on pedal power.

3.2 Motor and Speed

The bike is equipped with a 500W (Peak) brushless motor, capable of reaching a maximum speed of 22 MPH. The motor provides reliable power for various terrains, including inclines up to 15 degrees.

3.3 Controls and Display

The handlebars feature controls for selecting riding modes and operating the lights. A Smart LCD Display provides essential information such as battery level and speed. Refer to the bike's specific display manual for detailed function key usage.

3.4 Safety Features

- **Lighting:** Front and rear lights are integrated to ensure visibility and safety during night riding.
- **Brakes:** The bike features a disc brake system for effective stopping power.
- **Shock Absorption:** Multiple shock absorption systems, including seat, mid-mount, and front fork damping, enhance ride comfort and stability.

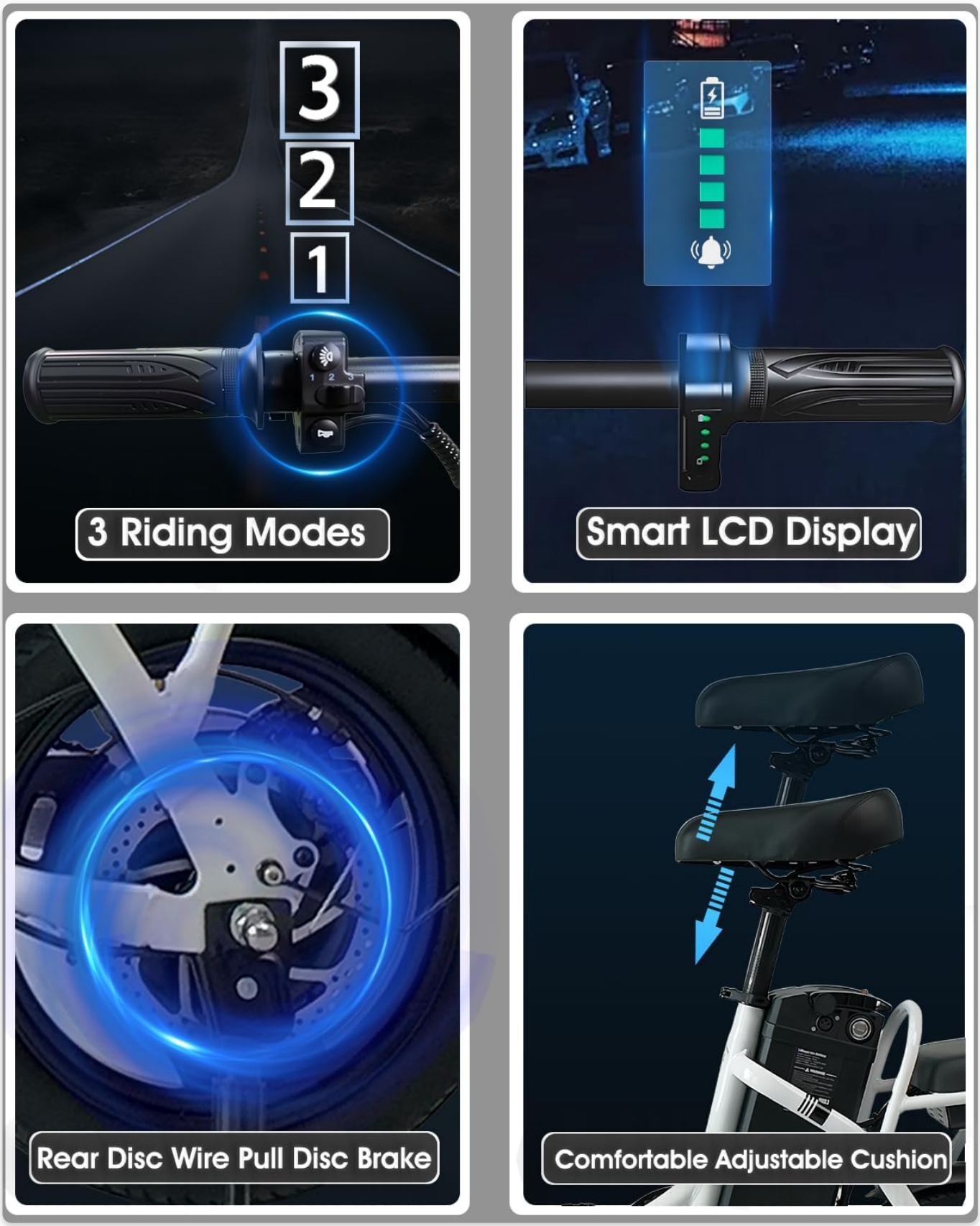


Figure 4: Electric Bike Controls and Features. This image highlights the three riding modes, smart LCD display, rear disc brake, and comfortable adjustable seat cushion.

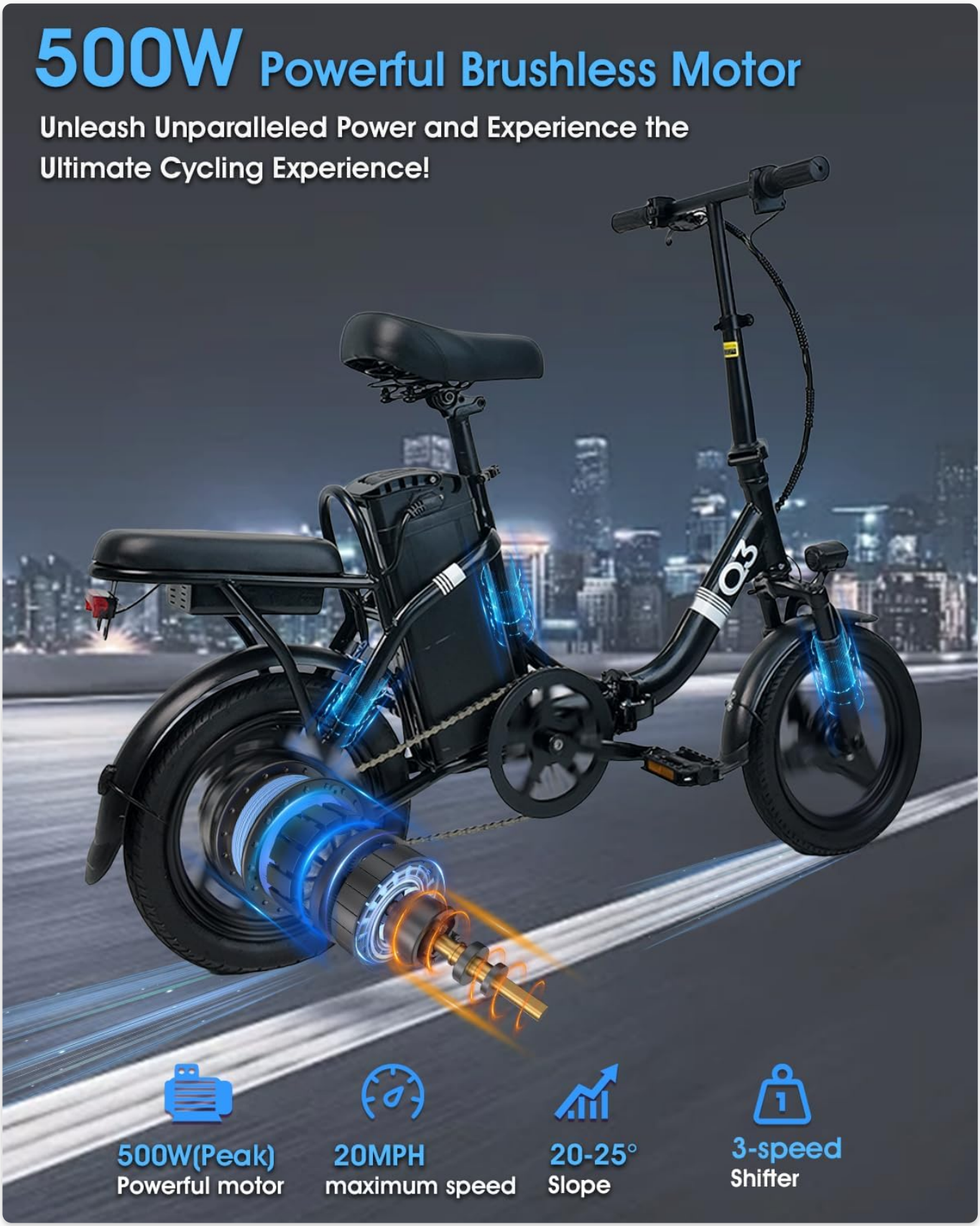


Figure 5: 500W Brushless Motor and Performance. This graphic details the 500W peak motor, 20 MPH maximum speed, 20-25 degree slope capability, and 3-speed shifter.



Figure 6: Multiple Shock Absorption System. This image illustrates the front shock, mid-mounted suspension, and saddle shock for enhanced riding comfort.

4. Maintenance

4.1 Battery Care

- Always ensure the battery is fully charged before long rides.
- Charge the battery in a dry, well-ventilated area.
- Do not expose the battery to extreme temperatures.
- Use only the provided charger.
- The battery is anti-theft and requires a key for removal. Keep your keys secure.

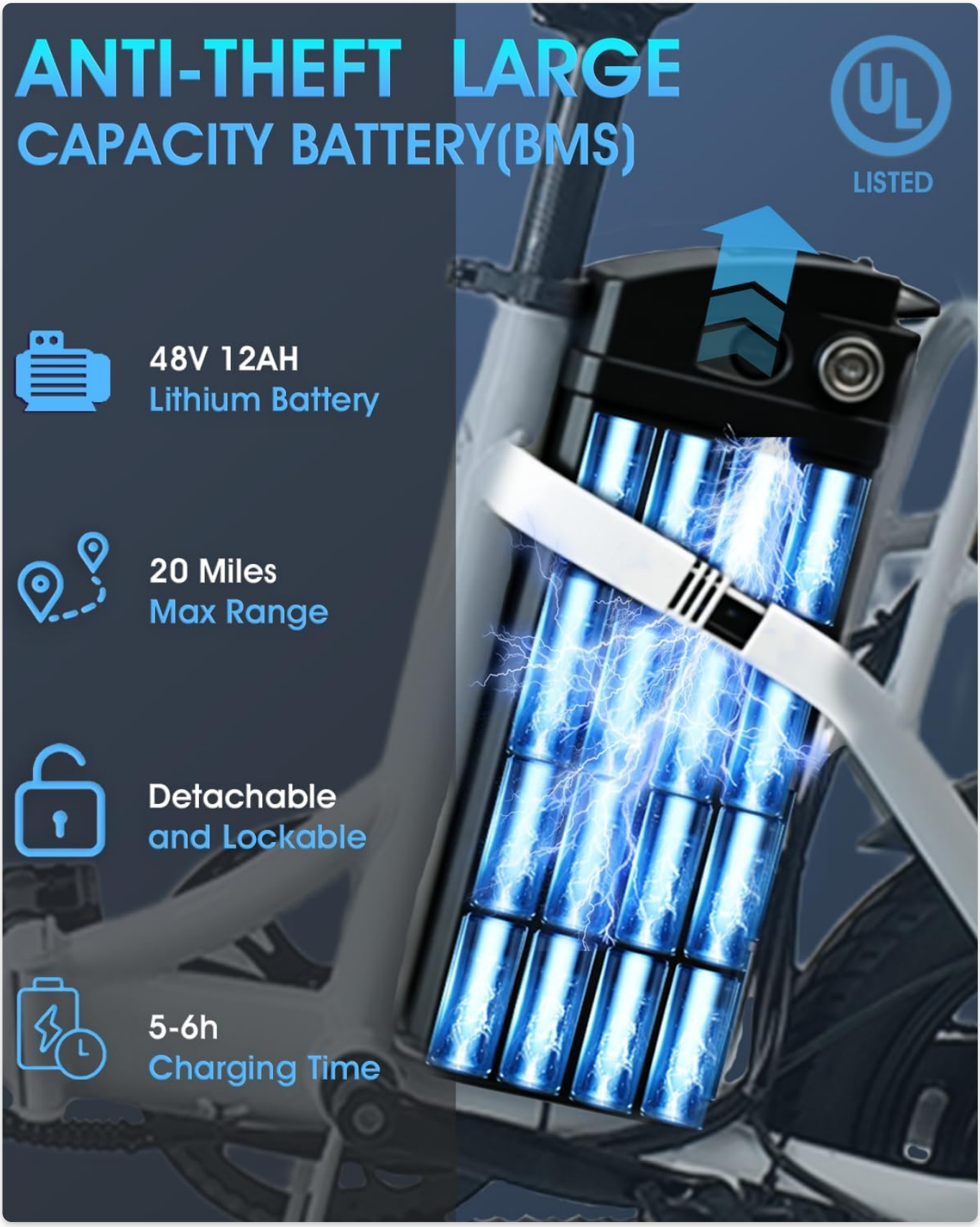


Figure 7: Anti-theft Large Capacity Battery. This image details the 48V 12Ah lithium battery, 20 miles max range, detachable and lockable design, and 5-6 hour charging time.

4.2 General Maintenance

- **Cleaning:** Regularly clean your bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride and maintain it according to the recommended levels indicated on the tire sidewall.
- **Brakes:** Periodically check the disc brake system for wear and proper function. Adjust or replace brake pads as needed.
- **Fasteners:** Ensure all bolts, nuts, and quick-release levers are securely tightened before each ride.
- **Storage:** When not in use, store the bike in a dry place, preferably indoors, to protect it from weather elements. The folding design allows for compact storage.

5. Troubleshooting

If you encounter any issues with your APYEAR electric bike, please refer to the following general troubleshooting tips. For more complex problems, contact customer support.

- **Bike Not Powering On:** Ensure the battery is fully charged and correctly installed. Check that the battery key is turned to the 'on' position.
- **Motor Not Assisting:** Verify that you are in pedal-assist or pure electric mode. Check battery charge level. Ensure all electrical connections are secure.
- **Brakes Not Responsive:** Inspect brake cables for tension and wear. Check brake pads for wear. Adjust as necessary or seek professional assistance.
- **Unusual Noises:** Stop riding immediately and inspect the bike for loose components, rubbing parts, or foreign objects.

For any questions or issues not covered here, please reach out to APYEAR customer service via email or online support.

6. Specifications

Feature	Specification
Model	Q3-enhanced Version
Bike Type	Electric Folding Bike
Age Range	Adult
Motor	500W (Peak) Brushless Motor
Max Speed	22 MPH
Battery	48V 12Ah (576Wh) Removable Lithium Battery
Range (Pure Electric)	20+ Miles
Range (Pedal-Assist)	20+ Miles
Charging Time	5-6 Hours
Number of Speeds	3

Feature	Specification
Wheel Size	14 Inches
Frame Material	Aluminum
Suspension Type	Front, Mid-mount, Saddle Damping
Brake Style	Disc
Special Feature	Foldable
Bike Weight	55 LBS
Max Load	270 LBS
Recommended Height	4.8 - 5.9 FT
Folded Dimensions	28 x 19 x 23 inches (approximate)
Certifications	UL 2849 Certified

7. Warranty and Support

7.1 Warranty Information

Your APYEAR Q3-Enhanced Electric Folding Bike comes with a**2-month limited warranty**. This warranty covers manufacturing defects under normal use. Please retain your purchase receipt for warranty claims.

7.2 Customer Support

APYEAR is committed to providing satisfactory after-sales service. If you have any questions, require technical assistance, or need to make a warranty claim, please contact us:

- **Email:** Refer to your purchase documentation for the specific support email address.
- **Online Support:** Visit the official APYEAR store on Amazon for additional resources and contact options: APYEAR Store

When contacting support, please have your model name (Q3-enhanced Version) and purchase details readily available.

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