Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

APYEAR Q8

APYEAR Q8 Foldable Electric Bike User Manual

Model: Q8 | Brand: APYEAR

1. Introduction

Thank you for choosing the APYEAR Q8 Electric Bike. This foldable electric bicycle is designed for adults and teens, offering a convenient and efficient commuting solution. It features a 400W brushless motor, a 48V 12Ah built-in removable battery, and multi-shock absorption for a comfortable ride. With a top speed of 22 Mph and a range of 20+ miles (pedal assist), the Q8 is built for reliable performance.
This manual provides essential information for the safe assembly, operation, and maintenance of your electric bike. Please read it thoroughly before your first ride.

2. Important Safety Warnings

Your safety is paramount. Always adhere to the following guidelines:

- **UL & GCC Certified:** The APYEAR Q8 e-bike has passed the required UL 2849 certification, ensuring electrical safety.
- **Helmet Use:** Always wear a certified helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery level, and ensure all quick releases and fasteners are secure.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric bicycles.
- **Weather Conditions:** Exercise caution when riding in wet conditions. The built-in battery is waterproof, but avoid submerging the bike.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 265 pounds.
- **Night Riding:** Utilize the front LED light and horn for safety during night rides.

3. Product Components Overview

The APYEAR Q8 Electric Bike is comprised of several key components:

- **Frame:** Durable aluminum alloy, foldable design.
- **Motor:** 350W high-speed brushless motor for smooth acceleration.

- **Battery:** 48V 12Ah built-in removable lithium battery.
- **Tires:** 20-inch x 2.4-inch fat tires for grip and stability on various terrains.
- **Brakes:** Front and rear disc brakes for reliable stopping power.
- **Display:** Multi-functional LCD display showing speed, mileage, and battery level.
- **Lighting:** Front LED light and horn.
- **Pedals:** Foldable pedals for compact storage.



Figure 3.1: The APYEAR Q8 Foldable Electric Bike in its full form.



Figure 3.2: Close-up of the 350W brushless motor and battery capacity details.



Figure 3.3: Illustration of the built-in and removable waterproof battery.



Figure 3.4: The 20-inch x 2.4-inch fat tire, suitable for various terrains.



Figure 3.5: Detail of the dual disc brakes for enhanced stopping power.

4. Setup and Assembly

The APYEAR Q8 electric bike comes mostly pre-assembled. Follow these steps to complete the setup:

1. **Unfolding the Bike:** Carefully unfold the main frame and secure the folding mechanism. Ensure it clicks into place.
2. **Handlebar Adjustment:** Adjust the handlebar height and angle for comfortable riding, then secure it firmly.
3. **Seat Post Installation:** Insert the seat post into the frame and adjust the height. Secure the quick-release clamp.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Screw them into the crank arms using the provided tool. Note that the left pedal screws counter-clockwise.
5. **First Charge:** Before your first ride, ensure the battery is fully charged. The first charge typically takes 4-5 hours. Connect the charger to the bike and a standard electrical outlet.

For a visual guide, please refer to the assembly video below:

Your browser does not support the video tag.

Video 4.1: Step-by-step guide on how to assemble the APYEAR Q8 e-bike.



Figure 4.1: The APYEAR Q8 electric bike folded for transport, demonstrating its compact size (36" x 16" x 26").



Figure 4.2: Important precautions to take when folding the e-bike, such as installing the plastic tube of the stable seat to avoid scratches.



Figure 4.3: Instructions for the first charging of the battery, emphasizing a 4-5 hour charge time and ensuring full charge before riding.



Figure 4.4: Reminder to keep the two keys included with the package, which are used to open the battery, as there are no spare keys.

5. Operating Instructions

5.1 Riding Modes

The APYEAR Q8 offers three riding modes:

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion. Features five-speed adjustments.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal, extending your range and making rides easier.
- **Normal Bike Mode:** Ride like a traditional bicycle without any motor assistance.

5.2 LCD Display Operation

The multi-functional LCD display provides crucial information:

- **Speed:** Current riding speed.
- **Mileage:** Total distance traveled.
- **Battery Level:** Indicates remaining battery charge (five grids, each representing 20%).
- **Assistance Level:** Adjust the pedal-assist level (0-5) using the controls on the handlebar.



Figure 5.1: The multi-functional LED display with non-slip design.



Figure 5.2: The electronic display clearly showing battery capacity and other vital information.

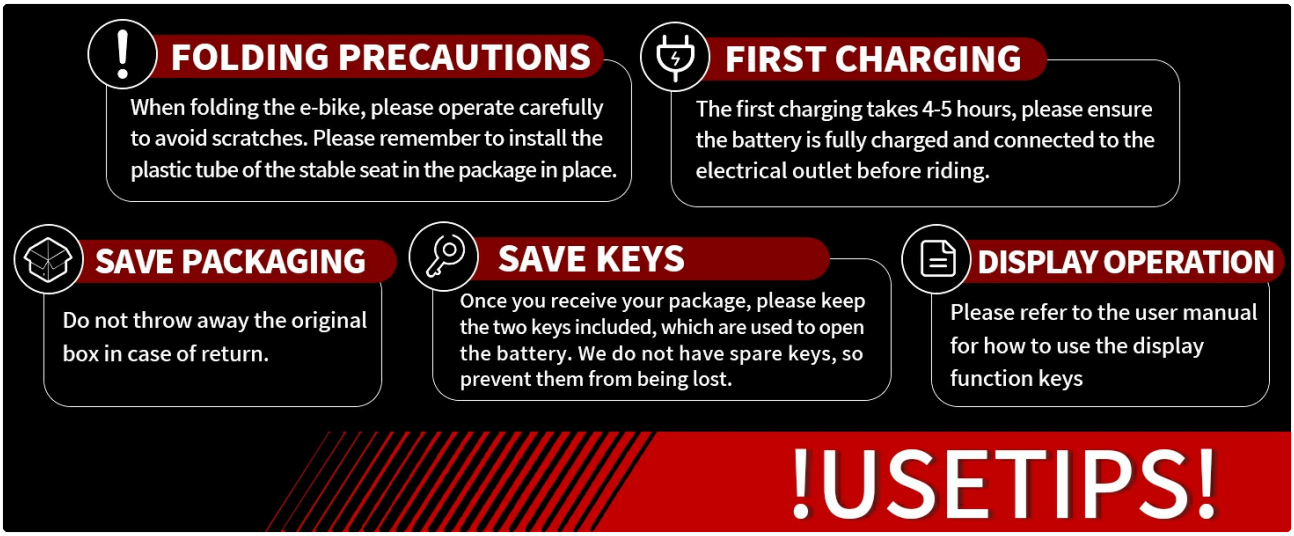


Figure 5.3: Controls for adjusting the assistance level and turning the bike on/off. Remember to set the power assist mode from 0 to 1 first for riding.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your APYEAR Q8 electric bike:

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brake Inspection:** Periodically check brake pads for wear and ensure proper brake lever function. Adjust as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to prevent rust and ensure smooth operation.
- **Battery Care:** Always keep the battery charged above 20% when not in use to prolong its lifespan. Store the bike and battery in a cool, dry place.
- **Fastener Check:** Regularly check all bolts, nuts, and quick releases to ensure they are tightened securely.

7. Troubleshooting

Here are some common issues and their potential solutions:

- **Bike not turning on:** Ensure the battery is fully charged and properly seated. Check all electrical connections.
- **Motor not engaging:** Verify that the pedal-assist level is set to 1 or higher. Check if the throttle is functioning correctly. Ensure brake levers are not partially engaged.
- **Reduced range:** This can be due to low tire pressure, riding against strong winds, frequent use of pure electric mode, or riding on steep inclines. Ensure the battery is fully charged before each ride.
- **Brakes feel weak:** Inspect brake pads for wear. Adjust brake cable tension. If issues persist, consult a professional.
- **Unusual noises:** Check for loose components, rubbing parts (e.g., brake pads on rotor), or debris in the drivetrain.

If you encounter issues not listed here or require further assistance, please contact APYEAR customer support.

8. Technical Specifications

Feature	Specification
Bike Type	Electric Bike
Model Name	Q8
Motor Power	350W Brushless
Battery	48V 12Ah Removable Lithium
Charging Time	4-5 hours
Top Speed	22 MPH
Range (Pedal Assist)	15-35 miles
Wheel Size	20 Inches
Frame Material	Aluminum Alloy
Weight	53 LBS
Maximum Weight Recommendation	265 Pounds
Rider Height Range	4'8" to 6'2"
Brake Style	Disc (Front & Rear)
Number of Speeds	3 (Riding Modes)
Special Feature	Foldable
Certifications	UL 2849 Certified

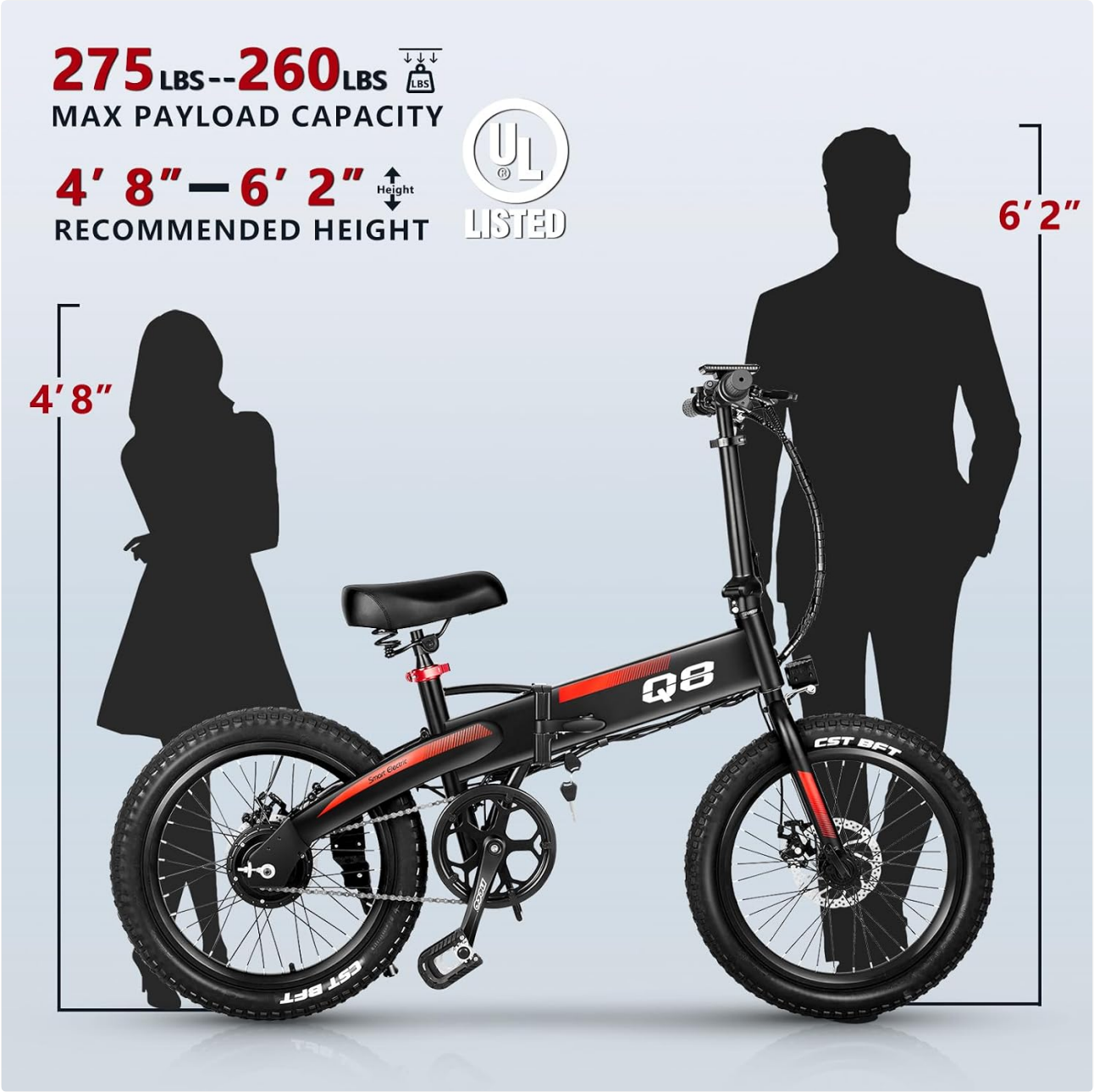


Figure 8.1: Visual representation of the maximum payload capacity (265 lbs) and recommended rider height range (4'8" - 6'2").

9. Warranty and Support

Warranty: The APYEAR Q8 Electric Bike comes with a 90-day limited warranty covering non-human damage.
Customer Support: We are committed to 100% satisfaction with our after-sales service. If you have any issues, questions, or require assistance, please do not hesitate to contact us via email or online through the APYEAR store. Our team is ready to help you.

© 2024 APYEAR. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0D8KVD8VH

More documents and user manuals: **https://manuals.plus/**