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› ANCHEER EFLAN11 Electric Tricycle 24 inch User Manual

ANCHEER EFLAN11

ANCHEER EFLAN11 Electric Tricycle User Manual

Model: EFLAN11 | 24 inch Wheel Size

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1. INTRODUCTION

Thank you for choosing the ANCHEER EFLAN11 Electric Tricycle. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric tricycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

The ANCHEER EFLAN11 is designed for adults, featuring a 24-inch wheel size, a powerful motor, and a removable battery, making it suitable for commuting and recreational rides.



Image: An adult male riding the ANCHEER EFLAN11 Electric Tricycle on a paved road, with a small dog in the rear basket. This image illustrates the tricycle in use.

2. SAFETY INFORMATION

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

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and controls.

- Do not exceed the maximum weight capacity of 265 lbs for the seat and 220 lbs for the rear basket.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure the battery is securely locked in place before riding.
- Use the parking brake when stopped on inclines or uneven ground.

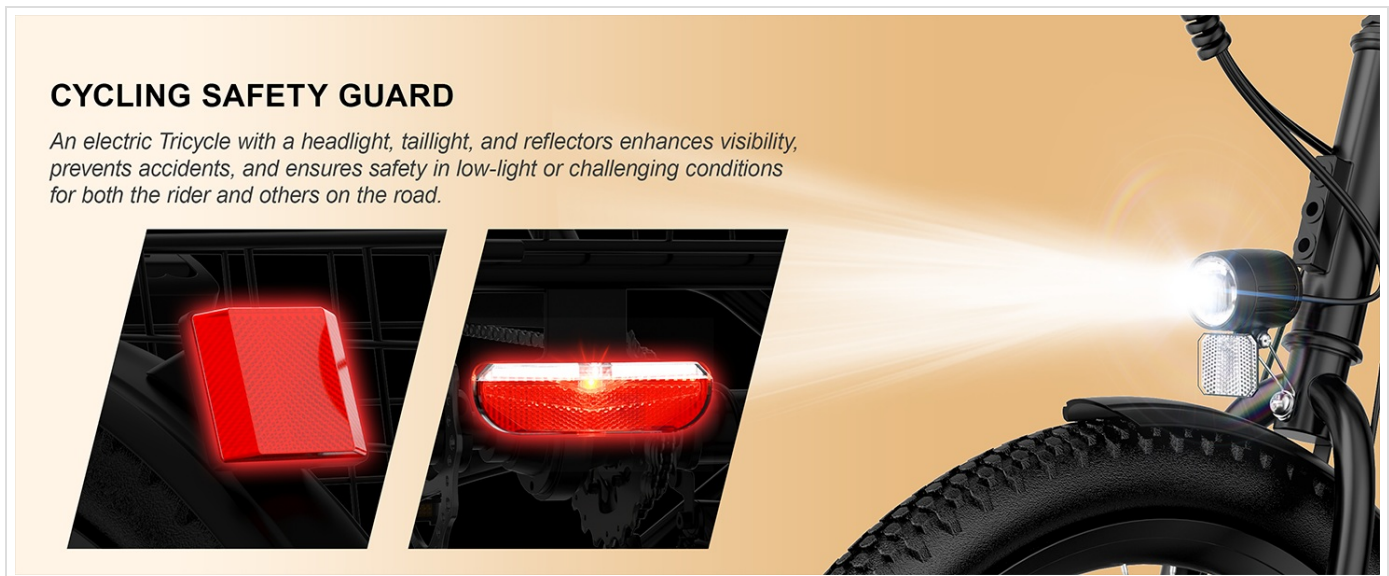


Image: A close-up view of the tricycle's front headlight and rear taillight/reflector, emphasizing the cycling safety guard features for enhanced visibility.

3. SETUP AND ASSEMBLY

The ANCHEER EFLAN11 Electric Tricycle arrives 80% pre-assembled. Basic assembly is required for components such as the front wheel, handlebars, pedals, seat, and rear basket. A step-by-step assembly video is available on the product page for detailed guidance.

3.1 Package Contents

Upon unpacking, verify that all components are present:

- Tricycle Frame (partially assembled)
- Front Wheel
- Handlebars
- Seat and Seatpost
- Pedals
- Rear Basket
- Battery (included)
- Charger
- Tool Kit
- User Manual

4. OPERATING INSTRUCTIONS

4.1 Battery Installation and Charging

The 48V 499Wh lithium battery is removable for convenient charging. To install, slide the battery into its compartment on the frame and ensure it locks securely. To charge, remove the battery and connect it to the provided charger. A full charge

typically takes 4-5 hours. The battery features an IP65 waterproof grade and a Battery Management System (BMS) for protection.



Image: An illustration highlighting the 48V 499Wh lithium battery, its removable design, IP65 waterproof rating, and 4-5 hour fast charging capability.

4.2 Digital LCD Display

The digital LCD display provides real-time information including battery level, current speed, mileage, voltage, and pedal assist level. It also shows error codes for troubleshooting.



Image: A view of the digital LCD display mounted on the handlebars, showing various cycling data such as speed, battery level, and assist level, useful for monitoring performance and diagnosing issues.

4.3 Riding Modes and Speed Control

The tricycle offers 6 riding modes and a 7-speed gear system:

- **Level 0:** Manual pedaling without electric assistance.
- **Levels 1-5:** Pedal assist modes, providing increasing levels of motor assistance as you pedal.
- **Full Electric Mode:** Engage the throttle for motor power without pedaling.

The 7-speed gear system allows you to adjust pedaling resistance for various terrains, such as climbing hills or cruising on flat roads. The maximum speed is 15.5 MPH.

7 -SPEED TRICYCLE GEARS

The 7-speed system allows riders to adjust the pedaling resistance for climbing hills, cruising on flat roads, or speeding downhill.

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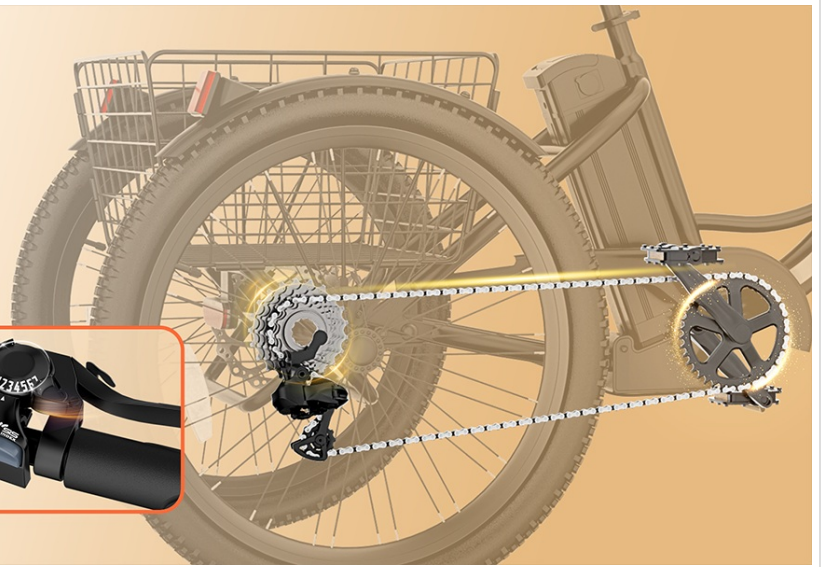


Image: A graphic illustrating the 7-speed gear system and the twist grip shifter, demonstrating how riders can adjust gears for different riding conditions.

4.4 Cruise and Boost Functions

- **Cruise Control:** Activates when riding above 6 MPH. Press the "-" button on the display to engage.
- **Boost Mode:** Engages at 1.9 MPH. Long press the "-" button for an easy start.

4.5 Braking System

The tricycle is equipped with front and rear mechanical disc brakes, providing balanced and efficient stopping power. A parking function is integrated to ensure a reliable hold when parked on uneven ground or inclines.



Image: A visual representation of the tricycle's double disc brake system, highlighting its wear-resistant and adjustable design for effective braking.

4.6 Rear Speed Differential System

The rear speed differential system adjusts the speed difference between the two rear wheels, enhancing control and stability, especially during turns. This design helps prevent rollovers common in tricycles without this feature.

REAR SPEED DIFFERENTIAL SYSTEM

Adjust the speed difference between two rear wheels to enhance control and stability



ANCHEER

- ✓ With Speed Differential
- ✓ Smooth Turning



Other

- ✗ Without Speed Differential
- ✗ Prone Rollover

Image: A diagram comparing the ANCHEER tricycle's rear speed differential system with a standard tricycle, illustrating how it provides smoother turning and prevents rollovers.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric tricycle.

- **Cleaning:** Wipe the frame with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure regularly and inflate to the recommended PSI. Inspect for wear and damage.
- **Brakes:** Periodically check brake pads for wear and ensure brake levers operate smoothly. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated for smooth operation.
- **Battery:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health.
- **Fasteners:** Check all bolts and nuts for tightness periodically.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your ANCHEER EFLAN11 Electric Tricycle.

Problem	Possible Cause	Solution
Tricycle does not power on	Battery not charged or improperly installed; loose connections	Ensure battery is fully charged and securely installed. Check all cable connections.
Motor not assisting	Pedal assist level is 0; brake levers engaged; motor cable loose	Increase pedal assist level on the display. Ensure brake levers are fully released. Check motor cable connection.
Brakes feel weak	Worn brake pads; loose brake cable; air in hydraulic system (if applicable)	Inspect and replace brake pads if worn. Adjust brake cable tension. Consult a professional for hydraulic brake issues.
Unusual noises during riding	Loose components; dry chain; tire rubbing	Check all fasteners for tightness. Lubricate the chain. Inspect tires for proper alignment.
Display shows error code	System malfunction	Refer to the display's specific error code guide (if provided separately) or contact ANCHEER customer support.

7. SPECIFICATIONS

Key technical specifications for the ANCHEER EFLAN11 Electric Tricycle:

Feature	Detail
Model Number	EFLAN11
Bike Type	Electric Tricycle
Wheel Size	24 Inches
Motor	350W Brushless (Peak 650W), 45N·m Torque
Battery	48V 499Wh Removable Lithium, IP65 Waterproof
Charging Time	4-5 Hours
Max Speed	15.5 MPH
Number of Speeds	7-Speed Gear System
Brake Style	Mechanical Disc (Front & Rear) with Parking Function
Frame Material	Iron
Maximum Weight Recommendation (Seat)	265 Pounds
Maximum Weight Recommendation (Rear Basket)	220 Pounds
Assembly Required	Yes (80% pre-assembled)
Certification	SGS certified to UL2849 standard

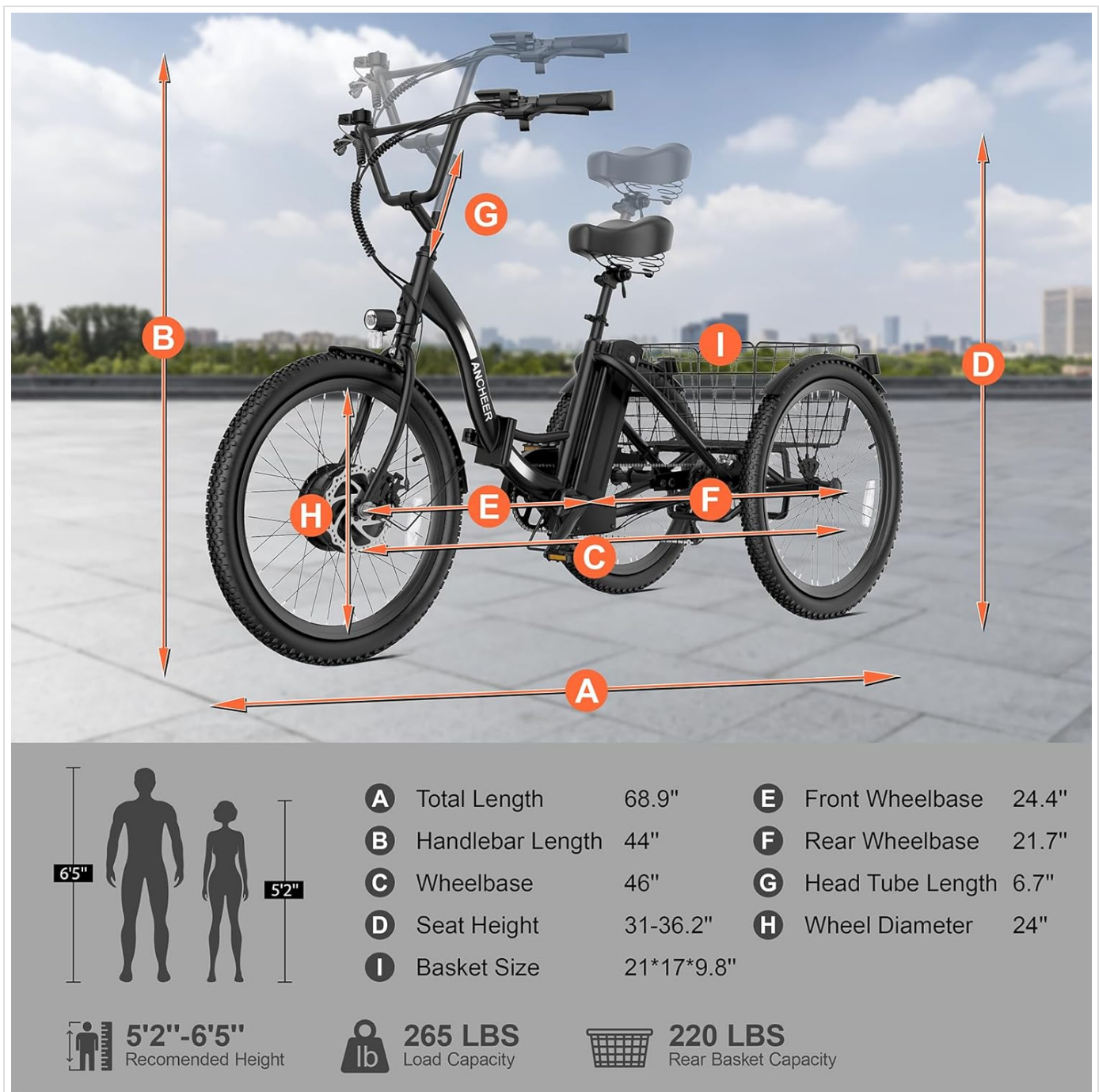


Image: A detailed diagram illustrating the dimensions (Total Length, Handlebar Length, Wheelbase, Seat Height, Wheel Diameter) and load capacities (265 lbs for rider, 220 lbs for rear basket) of the ANCHEER EFLAN11 Electric Tricycle.

8. WARRANTY AND SUPPORT

ANCHEER provides the following support for your EFLAN11 Electric Tricycle:

- **Warranty:** 1-year warranty on the motor, battery, and key components.
- **Technical Support:** Lifetime technical support from ANCHEER.
- **Certification:** The product is SGS certified to the UL2849 standard for electric bikes and trikes, ensuring safety and quality.

For warranty claims or technical assistance, please contact ANCHEER customer service through the official ANCHEER Store or your point of purchase.

