

## ANCHEER Smartzip

# ANCHEER 14" Folding Electric Bike

## SMARTZIP USER MANUAL

### 1. Introduction

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Welcome to the ANCHEER 14" Folding Electric Bike user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper assembly, safe handling, and optimal performance. Retain this manual for future reference.

### 2. Safety Information

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Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. This electric bike is designed for adults and teens within the recommended height and weight limits.

#### General Safety Guidelines:

- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and potential hazards.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure all components are securely fastened before riding.

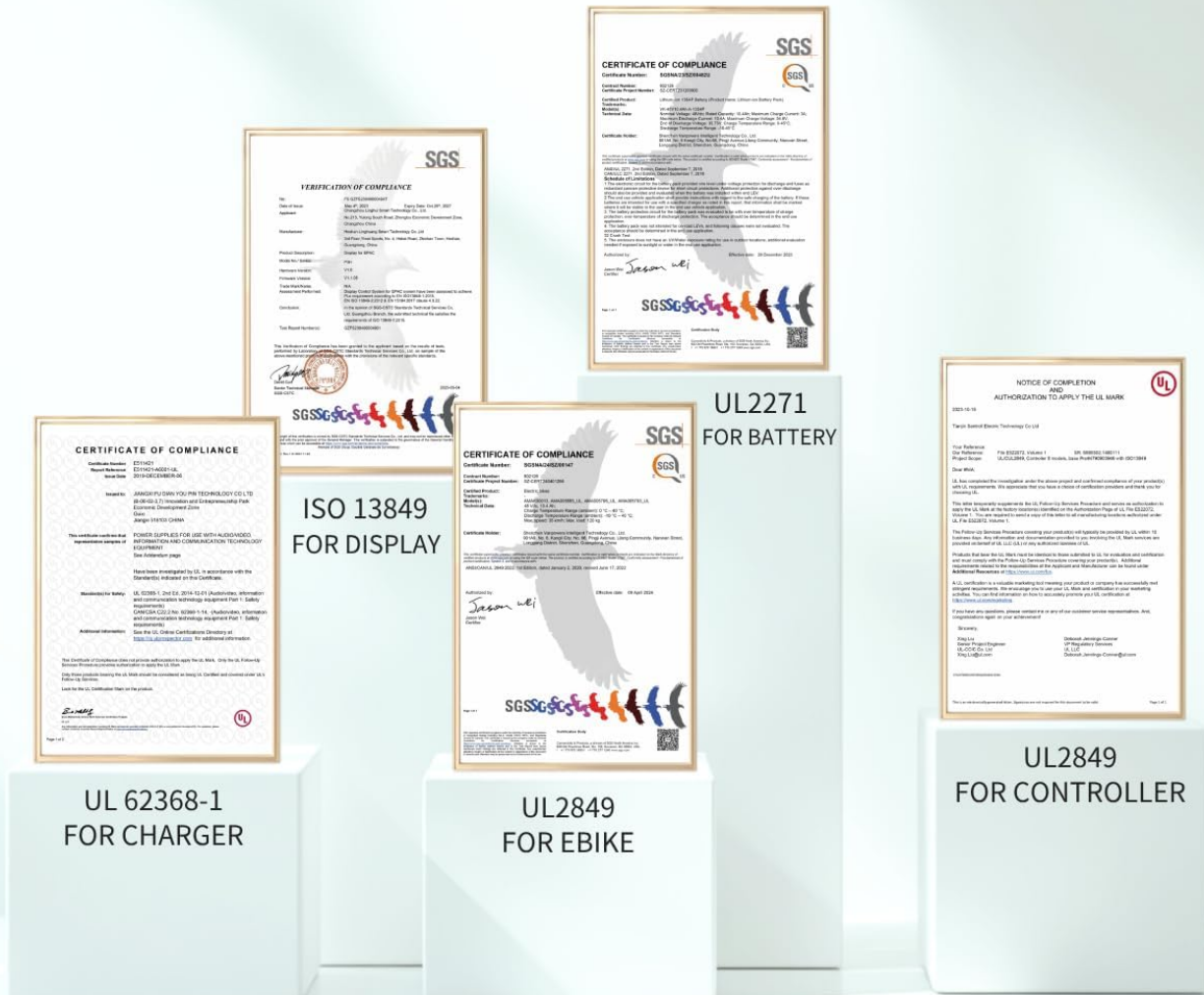
#### Electrical Safety:

The ANCHEER 14" Folding Electric Bike is UL2849 Compliant, ensuring the safety of the entire electrical drive system, including the battery, motor, controller, and wiring. Despite this certification, always exercise caution.

- Use only the original charger provided with the bike.

- Do not modify the electrical system or components.
- Keep the battery and electrical connections dry.
- Do not immerse the bike or its electrical components in water.

# Safety is Top Priority



## ABOUT UL:

UL 2849 is a safety standard specifically designed for electrical systems of eBikes and other light electric vehicles. Developed by Underwriters Laboratories (UL), UL 2849 focuses on ensuring the safety of the entire electrical drive system, including the battery, motor, controller, and wiring.

## ABOUT SGS:

SGS is the world's leading company in testing, inspection, and certification, and is also a recognized provider of UL testing and standards services.

Image: Various safety certifications for the ANCHEER electric bike, including UL2849 for the e-bike, UL2271 for the battery, UL62368-1 for the charger, ISO 13849 for the display, and UL2849 for the controller, demonstrating adherence to safety standards.

## 3. Product Overview

The ANCHEER 14" Folding Electric Bike is a compact and efficient solution for urban commuting and leisure rides. It features a robust motor, long-lasting battery, and a convenient folding design.

### Key Components:



Image: A full view of the ANCHEER 14-inch Folding Electric Bike in black, showcasing its compact frame, integrated battery, and disc brakes.

- **Frame:** Durable aluminum alloy, foldable for easy storage and transport.

- **Motor:** 350W brushless motor (500W Peak) providing powerful assistance.
- **Battery:** 48V 7.8Ah (374.4Wh) Lithium-ion battery, offering up to 30 miles range in pedal-assist mode.
- **Brakes:** Dual disc brakes for reliable stopping power.
- **Wheels:** 14-inch wheels with anti-slip, anti-puncture rubber tires.
- **Display:** LED display showing pedal-assist levels and battery life.
- **Saddle:** Easily height-adjustable spring saddle for comfort.
- **Headlight:** Bright integrated headlight for visibility.

#### Detailed Features:

**48V 7.8Ah Lithium-Ion Battery**  
Powerful performance, zipping around your town!

**UL 2271 Certified**

**Charge Port**

**BMS**  
Power-Saving

**27 miles**  
Max Range

**5 Hours**  
Full Charged

[about](#)

Image: A detailed view of the 48V 7.8Ah Lithium-ion battery integrated into the bike frame, highlighting the charge port and

indicating a max range of 27 miles and 5 hours for full charge.

**Powerful Motor:** The 350W brushless motor, with a peak output of 500W, delivers a top speed of 20 MPH, making your daily commute efficient and enjoyable.



Image: A close-up of the 350W powerful motor integrated into the rear wheel, illustrating its internal components and highlighting its 500W peak power, 20MPH top speed, and 10° climbing ability.

**Folding Design:** The bike features a convenient folding mechanism, allowing it to be easily stored in car trunks or small spaces. Its lightweight design (49.6 lbs) enhances portability.

# 14" Folding Electric Bike

It only takes 2 steps to fold the bike, easy to carry.



**49.6 lb**  
Net Weight

**1830\*690\*1080mm**  
Folded Size

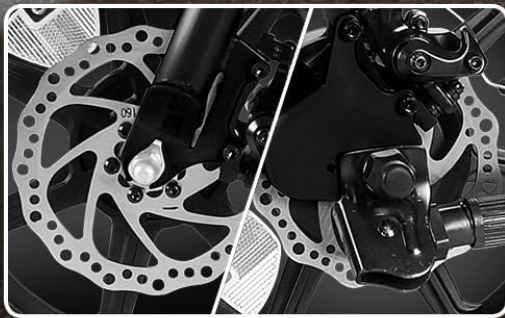
Image: A man demonstrating the portability of the ANCHEER 14-inch Folding Electric Bike by easily placing it into the trunk of a car, emphasizing its compact folded size.

**Braking System:** Equipped with front and rear dual disc brakes, the bike provides strong and responsive stopping power for enhanced safety.

# *14" Flexible & Strong Grippy Rubber Tire*

## *Front and Rear Disc Brakes*

- Anti-slip rubber layer
- Sealed steel rims
- Anti-puncture



## DUAL DISC BRAKES

Image: A close-up view of the 14-inch flexible and strong grippy rubber tire, highlighting its anti-slip and anti-puncture layers, along with the front and rear dual disc brakes for effective stopping.

**Adjustable Saddle:** The saddle height can be easily adjusted to accommodate riders of different heights, ensuring a comfortable riding posture. Always ensure the seat post is inserted beyond the minimum insertion line.

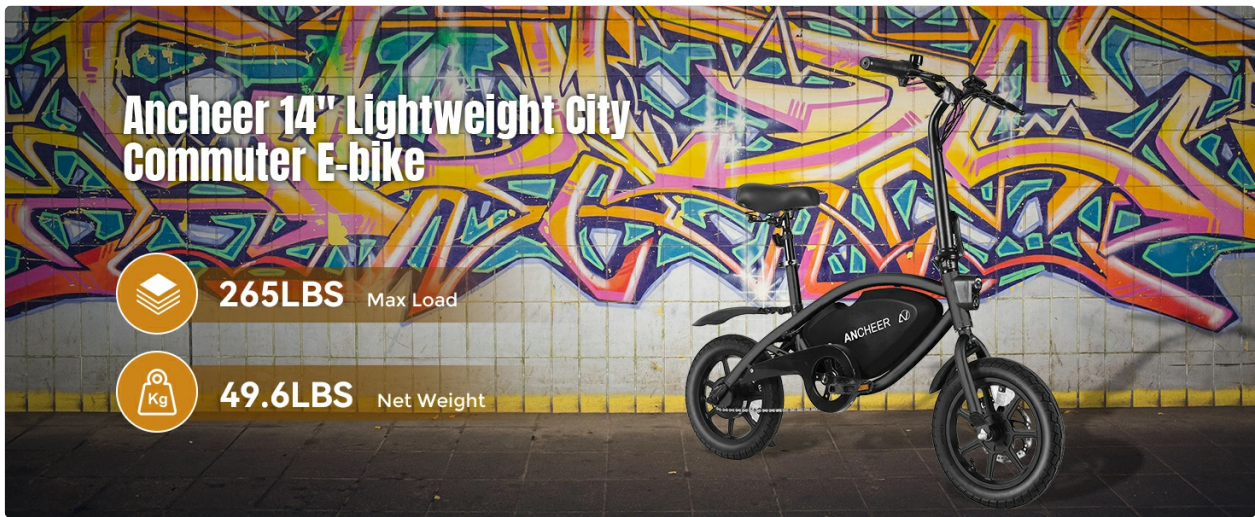


Image: Hands demonstrating the seat adjustment mechanism of the electric bike, with a close-up inset showing the safety line on the seat post that should not be exceeded.

## 4. Setup

### Unpacking and Initial Inspection:

1. Carefully remove the bike and all accessories from the packaging.
2. Check for any visible damage during transit. If damage is found, contact customer service immediately.
3. Verify all components listed in the packing list are present.

### Assembly:

The ANCHEER 14" Folding Electric Bike comes 95% pre-assembled. Minimal assembly is required.

1. **Unfold the Bike:** Carefully unfold the frame and secure the locking mechanisms. Ensure the handlebar stem is upright and locked.
2. **Install Pedals:** Identify left (L) and right (R) pedals. Thread them into the crank arms by hand first, then tighten with a wrench. Note that the left pedal has a reverse thread.
3. **Adjust Seat Height:** Loosen the quick-release lever on the seat post, adjust the saddle to a comfortable height (ensure your feet can touch the ground when stopped), and securely tighten the lever. Do not exceed the maximum extension mark on the seat post.
4. **Check Tire Pressure:** Inflate tires to the recommended pressure indicated on the tire sidewall.

### Initial Battery Charging:

Before your first ride, fully charge the battery. The battery is partially charged for shipping but requires a full charge for optimal performance and battery longevity.

1. Locate the charging port on the bike's frame.
2. Connect the charger to the charging port, then plug the charger into a standard wall outlet.
3. The indicator light on the charger will typically show red during charging and turn green when fully charged.
4. Charging time is approximately 5 hours for a full charge.
5. Once fully charged, disconnect the charger from the outlet first, then from the bike.

## 5. Operating Instructions

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### Turning On/Off:

To power on the bike, press and hold the power button on the LED display. To power off, press and hold the power button again.

### Riding Modes:

Your ANCHEER electric bike offers three distinct riding modes:

# Three Riding Modes

## **Pure Electric Mode**



Ride directly on Power  
No need cycling the pedals

## **Boost Mode**



Riding by cycling easier with  
an assist from the power

## **Manpower Model**



Ride like a human-powered  
Bicycle to exercise  
No need to Power on



Image: A visual representation of the three riding modes: Pure Electric Mode (throttle only), Boost Mode (pedal-assist), and Manpower Model (traditional cycling without power).

- **1. Pure Electric Mode (Throttle):** Engage the throttle to ride without pedaling. This mode provides full electric power.
- **2. Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. Use the '+' and '-' buttons on the display to adjust the level of assistance (LOW  $\leq$  6mph, MED  $\leq$  14mph, HIGH  $\leq$  20mph).
- **3. Normal Bike Mode:** Ride the bike like a traditional bicycle with no electric assistance. The motor is disengaged.

### **Cruise Control:**

When riding in throttle or PAS mode at a speed of 6 mph or higher, press and hold the

