

ACTBEST 20" Classic Dual

ACTBEST 20" Classic Dual Fat Tire Electric Bike User Manual

Model: 20" Classic Dual

1. SAFETY INFORMATION

Read this manual thoroughly before operating your ACTBEST electric bike. Failure to follow instructions and safety guidelines may result in serious injury or property damage. Always wear a helmet and appropriate safety gear when riding.

Product Certifications:

- **Li-ion Battery Pack:** Tested to ANSI/CAN/UL/ULC 2271:2018 by TUV Rheinland.
- **Complete E-bike Electrical System:** Tested and certified to ANSI/CAN/UL 2849:2022A by TUV Rheinland.

Key Safety Features:

- **Dual Disc Brakes:** Provides reliable stopping power in various weather conditions.
- **LED Headlights and Taillights:** Enhances visibility for both the rider and others, especially during night rides.

Triple Safety Guard

Highvisibility LED lights illuminate night rides, brake lights warn traffic, and Disc Brakes stop instantly — safety mastered on every road.



Image: The ACTBEST electric bike features high-visibility LED lights and dual disc brakes for enhanced safety during operation, particularly at night.

2. PRODUCT OVERVIEW

The ACTBEST 20" Classic Dual Fat Tire Electric Bike is designed for versatile riding across various terrains. It features a powerful motor, long-range battery, and a full suspension system for a comfortable experience.



Image: The ACTBEST 20" Classic Dual Fat Tire Electric Bike, showcasing its robust design.

Key Features:

- **Motor:** Robust PEAK 1500W motor, capable of speeds up to 20+ mph.
- **Battery:** Removable 48V 10.4Ah battery, offering up to 55 miles with pedal-assist (40 miles pure electric).
- **Suspension:** Advanced full suspension system with 4 shock absorbers (front & rear) and a large shock-absorbing seat for smooth rides.
- **Tires:** Massive 16"x4" fat tires for all-terrain dominance.
- **Frame:** Carbon Steel frame, suitable for adults and teens.

Family time together

20"

ebike frame for adults

16"

ebike frame for teens



Image: Two ACTBEST electric bikes, one 20-inch for adults and one 16-inch for teens, being ridden on a dirt trail.

75 Miles Wild

Where Battery Grit Meets Fat Tire Soul.


48V 748.8WH

ACTIVE

STRIKER

Image: The electric bike's battery provides a range of up to 75 miles, powered by a 48V 748.8WH battery.

1500W Peak Motor

 **30°**
slopes

 **1500W**
Peak Motor

 **28MPH**
Max Speed



Image: Detail of the 1500W peak motor integrated into the rear wheel, designed for powerful performance and climbing 30-degree slopes.

Full Suspension

Dual Spring Front Fork & Seat Shock Absorbers for Smooth Rides on Rough Terrain. Stability Redefined.



Smaller Bump



Greater Riding Ease



Superior Smoothness

Image: The full suspension system, including dual spring front fork and seat shock absorbers, ensures a smooth ride over rough terrain.



Image: The ErgoCool Adaptive Comfort Seat features a waterproof surface and soft, cooling fabric to absorb shocks and prevent sweat.



Image: Features for comfort, control, and cargo, including a heavy-duty rear rack (120 lbs capacity), digital dashboard, passenger footrest, and ergonomic handlebar grips.

3. SETUP AND ASSEMBLY

Your ACTBEST electric bike comes partially assembled. Follow the instructions below and refer to the video for detailed assembly steps.

Assembly Steps:

1. Unpack the bike and all components from the box.
2. Install the front wheel, ensuring the disc brake is correctly aligned.
3. Attach the handlebars and adjust them to a comfortable riding position.
4. Install the pedals, noting that they are left (L) and right (R) specific.
5. Insert the seat post and adjust the seat height.
6. Connect any remaining electrical cables securely.
7. Perform a pre-ride safety check, including brakes, tire pressure, and all fasteners.

Installation Video:

Your browser does not support the video tag.

Video: Quick Installation Steps for the ACTBEST Striker Ebike. This video demonstrates the assembly process for the electric bike.

4. OPERATING INSTRUCTIONS

Powering On/Off:

- To power on, press and hold the power button on the display unit.
- To power off, press and hold the power button again until the display turns off.

Riding Modes:

- **Pedal-Assist System (PAS):** Provides motor assistance as you pedal. Adjust assist levels using the '+' and '-' buttons on the display.
- **Throttle-on-demand:** Use the thumb throttle for electric power without pedaling.

Gear Shifting:

The bike is equipped with a 7-speed gear system. Use the trigger shifter on the handlebars to change gears, allowing for efficient pedaling across different terrains.

Braking:

Engage the front and rear disc brakes by squeezing the brake levers on the handlebars. Apply both brakes simultaneously for balanced and effective stopping.

Battery Charging:

- Connect the charger to the charging port on the battery (either on or off the bike).
- Plug the charger into a standard wall outlet.
- A full charge typically takes 4-6 hours. The charger indicator light will change when charging is complete.

5. MAINTENANCE

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

General Maintenance Tips:

- **Tires:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
 - **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust as needed.
 - **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
 - **Battery:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods. Charge regularly, even when not in use, to maintain battery health.
 - **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are securely tightened.
 - **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.
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6. TROUBLESHOOTING

This section addresses common issues you might encounter with your electric bike.

Common Issues and Solutions:

- **Bike not powering on:**
 - Ensure the battery is fully charged and properly seated.
 - Check all electrical connections for looseness.
- **Motor not assisting:**
 - Verify that the pedal-assist level is not set to zero.
 - Check if the throttle is engaged (if applicable).
 - Ensure brake levers are not partially engaged, which can cut motor power.
- **Short battery range:**
 - Ensure the battery is fully charged before each ride.
 - Riding in higher assist levels or using the throttle frequently will reduce range.
 - Tire pressure can affect efficiency; ensure tires are properly inflated.
- **Brakes feel weak:**
 - Inspect brake pads for wear and replace if necessary.
 - Check brake cable tension and adjust if loose.
 - Ensure disc rotors are clean and free of oil or grease.

If you encounter issues not listed here or cannot resolve a problem, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the ACTBEST 20" Classic Dual Fat Tire Electric Bike.

Fits for Teens & Adults



5.2"-6.2"
Rider Height



59.5LBS
Bicycle Weight



350lbs
Load Capacity



Image: Rider height recommendations (5.2-6.2 ft), bicycle weight (59.5 lbs), and maximum load capacity (350 lbs).

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult
Brand	ACTBEST
Model Name	56
Number of Speeds	7

Feature	Specification
Color	Black
Frame Material	Carbon Steel
Suspension Type	Front
Special Features	Adjustable Handlebars, Fenders
Included Components	Charger
Size	1500W/48V31.2Ah/28+MPH (Note: Max speed is 20+MPH as per feature bullets)
Brake Style	Disc
Specific Uses	Trail
Power Source	Electric motor
Lithium Battery Energy Content	748.8 Watt Hours (48V 10.4Ah)
Bicycle Gear Shifter Type	Trigger
Derailleur Configuration	Rear
Electric Assist Type	Throttle-on-demand
Wheel Material	Carbon Steel
Maximum Weight Recommendation	350 Pounds
Minimum User Height	20 Inches (Note: Rider height recommendation is 5.2"-6.2")

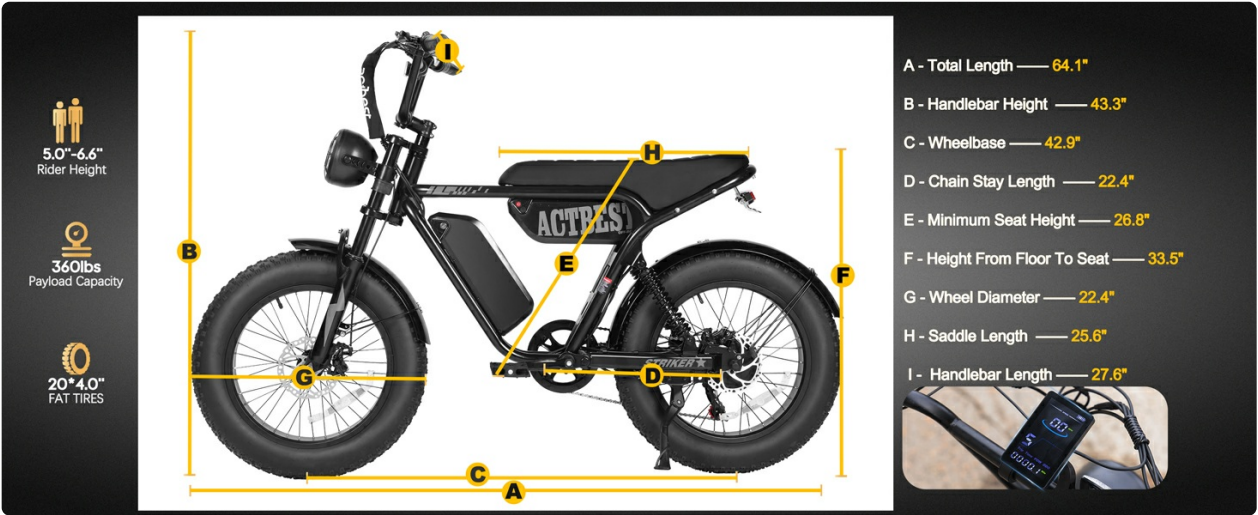


Image: Detailed dimensions of the electric bike for reference.

8. WARRANTY AND SUPPORT

Warranty Information:

The ACTBEST 20" Classic Dual Fat Tire Electric Bike comes with a **1-year limited warranty**. Please refer to the warranty card included with your product for full terms and conditions.

Customer Support:

For any product issues, technical assistance, or warranty claims, please contact our after-sales team. You can reach us through Amazon's messaging system or via our dedicated after-sales email. Our team aims to respond and resolve your issue within 24 hours.

Ensuring product quality and providing the best shopping experience are our priorities.