

Aipas Aipas F3

Aipas F3 Electric Bike User Manual

Model: Aipas F3

Brand: Aipas

1. INTRODUCTION

Welcome to the Aipas F3 Electric Bike user manual. This guide provides essential information for the safe and efficient operation, assembly, and maintenance of your new electric bike. The Aipas F3 is designed for adults, featuring a powerful 1500W peak motor, a long-range 48V 12.8Ah removable battery, 20" x 3.0 fat tires, 7-speed transmission, and full suspension for a comfortable and versatile riding experience across various terrains. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike.



Figure 1: Aipax F3 Electric Bike (Black Standard)

2. SAFETY GUIDELINES

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

- Always wear a certified helmet when riding.
- Familiarize yourself with local laws and regulations regarding electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and lights.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in extreme weather conditions.
- Ensure all bolts and quick releases are securely tightened before riding.

3. ASSEMBLY

Your Aipas F3 Electric Bike comes 95% pre-assembled. The remaining assembly steps are straightforward and typically involve:

1. Tightening the wheel bolts.
2. Inserting and locking the handlebars into position.
3. Adjusting and securing the seat post.
4. Attaching pedals (ensure left and right pedals are correctly installed).
5. Checking tire pressure and brake function.

For detailed visual instructions, please refer to the assembly video available on the product page or consult the comprehensive user manual included in the packaging.

4. KEY COMPONENTS AND FUNCTIONS

4.1. 1500W Peak Brushless Motor

The Aipas F3 is equipped with a powerful 1500W peak brushless motor, providing robust acceleration and excellent climbing capabilities. At Pedal Assist System (PAS) Level 1, the motor delivers up to 100 Nm of torque, while at PAS Level 5, speeds can reach 28 MPH or higher, making it suitable for various terrains including beaches, mountains, snow, and city streets.



Figure 2: Powerful 1500W Peak Brushless Motor

4.2. 48V 12.8Ah Removable Battery

The hidden, removable 48V 12.8Ah battery unit offers extended mileage, with a range of up to 62 miles per charge. It boasts an IP65 waterproof rating, ensuring reliable performance in diverse environmental conditions.

Large Removable Battery

Integrated, high-capacity battery with up to 62 miles of range. IP65 waterproof rating for reliable performance in all weather.



48V 12.8Ah
Battery Capacity



62Miles
Per Charge



IP65
Waterproof

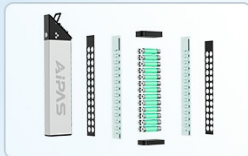


Figure 3: Removable Battery Unit

4.3. Full Suspension System

The F3 Adventurer features a multi-link structure combined with a front fork suspension system, providing comprehensive shock absorption for enhanced stability and riding comfort. This dual suspension system effectively handles bumps and uneven terrain.

Full Suspension System

The F3 Adventurer is equipped with front and rear suspension and a four-bar linkage design, maximizing shock absorption for enhanced stability and comfort.



Four-link
90% Shock



Triple
X3 Shock Absorption



Adjustable
Lockout



Figure 4: Front and Rear Full Suspension

4.4. Smart LCD Display

The intuitive LCD display provides real-time riding data, including speed, battery level, distance traveled, and current riding mode. It features 5 PAS levels, 4 riding modes, and dedicated buttons for lighting and steering control.

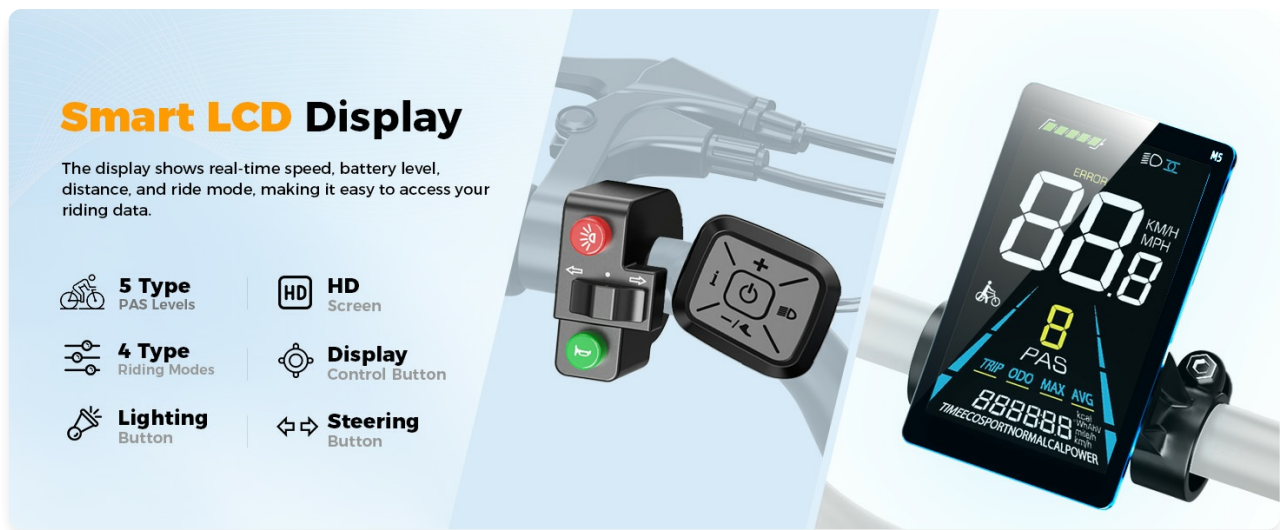


Figure 5: Smart LCD Display and Controls

4.5. Shimano 7-Speed Transmission

The Shimano 7-speed system offers versatile gear options for smooth pedaling and efficient power use, allowing easy adjustments to match different terrains and riding preferences.

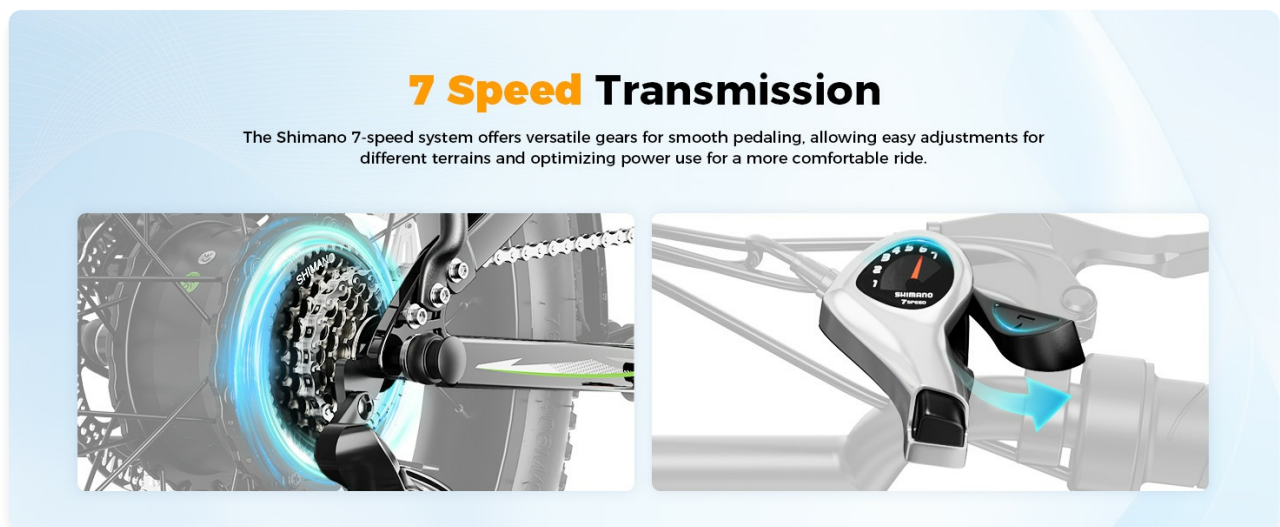


Figure 6: Shimano 7-Speed Gear System

4.6. 20" x 3.0" Fat Tires

Equipped with 20" x 3.0" puncture-resistant fat tires, the Aipas F3 provides improved traction and stability, making it capable of tackling flat roads, mountain trails, snow, and gravel with ease.

20" x 3.0" Fat Tires

Equipped with 20" x 3.0" puncture-resistant fat tires and front suspension, this ebike tackles flat roads, mountain trails, snow, and gravel with improved traction.



Figure 7: Durable Fat Tires for All Terrains

4.7. Dual Disc Brakes

The 180mm front and rear disc brakes provide strong, reliable stopping power, ensuring safety and control in various riding conditions.

Dual Disc Brakes

180mm front and rear disc brakes provide strong, reliable stopping power.



180 mm
Brake Rotor



Dual Disc
Braking Performance



Figure 8: Front Disc Brake System

4.8. Light System

The e-bike features headlights with four LED bulbs for bright illumination. The red emergency taillights flash when braking and can be set to a constant mode at night for improved visibility and safety.



Light System

LED Light

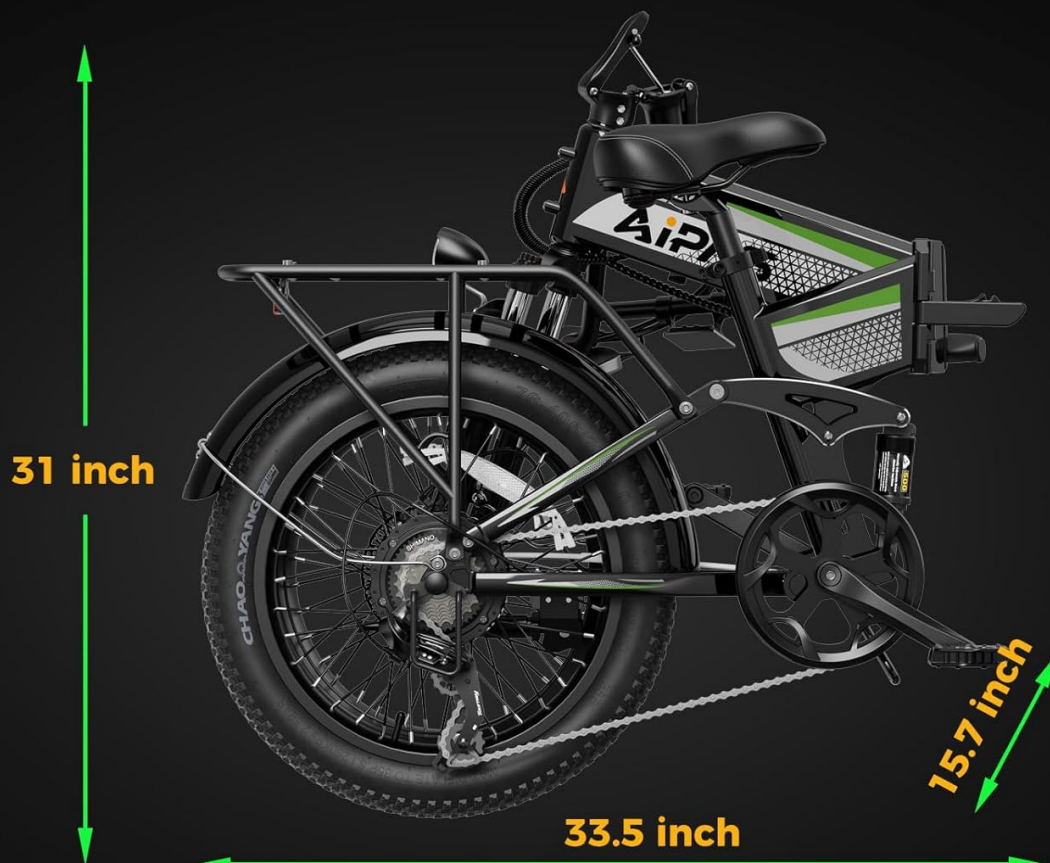
The headlights feature four LED bulbs for bright illumination. The red emergency taillights flash when braking and can be set to constant mode at night for improved visibility.

Figure 9: Integrated Headlight and Taillight

4.9. Folding Design

The Aipax F3 features a convenient folding design, making it easy to carry and store. Its compact size allows for storage in a car trunk or RV, offering freedom to explore new places.

Folding Design for Easy Portability



5. INITIAL SETUP AND PRE-RIDE CHECKS

5.1. Battery Charging

Before your first ride, fully charge the battery. Connect the charger to the battery port and then to a power outlet. The indicator light on the charger will change when charging is complete. The removable battery can be charged on or off the bike.

5.2. Tire Pressure

Check the tire pressure before each ride. The recommended PSI is typically indicated on the tire sidewall. Proper tire pressure ensures optimal performance, range, and safety.

5.3. Brake Adjustment

Ensure both front and rear brakes are functioning correctly and provide adequate stopping power. Adjust brake levers if necessary to ensure comfortable reach and effective braking.

6. OPERATING YOUR AIPAS F3 ELECTRIC BIKE

The Aipas F3 offers multiple riding modes:

- **Bike Mode:** Power off, normal bike, just pedaling.
- **Pedal-Assist Mode (PAS):** Power on, without the throttle, just pedaling. The motor provides assistance based on the selected PAS level (1-5).
- **Throttle Mode:** Power on, no need to pedal, just use the throttle for propulsion.

To power on the bike, press and hold the power button on the LCD display. Use the '+' and '-' buttons to adjust PAS levels. The gear shifter allows you to change mechanical gears for different speeds and terrains.

Your browser does not support the video tag.

Video: Aipas F3 Electric Bike Riding Experience! Official video demonstrating the Aipas F3 Electric Bike in use, highlighting its features and riding experience.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Aipas F3 Electric Bike:

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store in a cool, dry place. Avoid fully discharging the battery.
- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride and inspect for wear or damage.
- **Brakes:** Periodically check brake pads for wear and ensure proper brake function. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Fasteners:** Regularly check and tighten all bolts, nuts, and quick releases.

8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged, battery not properly seated, power cable loose.	Charge battery, ensure battery is fully inserted and locked, check all cable connections.
Motor not assisting	PAS level too low, brake levers engaged, motor connection loose.	Increase PAS level, ensure brake levers are fully released, check motor cable connection.
Short battery range	Under-inflated tires, riding uphill frequently, heavy load, cold weather.	Inflate tires to recommended PSI, use lower PAS levels on inclines, reduce load, battery performance decreases in cold.
Kickstand too long/unstable	Manufacturing tolerance.	Contact customer service for assistance or consider an adjustable aftermarket kickstand if necessary.

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

9. SPECIFICATIONS

Feature	Detail
Bike Type	Folding Bike
Age Range	Adult
Brand	Aipas
Motor	1500W Peak Brushless Motor
Battery	48V 12.8Ah Removable Lithium Battery (624 Watt Hours)
Max Speed	28 MPH+ (PAS Level 5)
Max Range	Up to 62 Miles (Pedal Assist)
Number of Speeds	7 (Shimano)
Wheel Size	20 Inches
Tire Type	3.0" Fat Tires
Frame Material	Aluminum Alloy
Suspension Type	Dual (Front & Rear Full Suspension)
Brake Style	Disc (180mm)

Feature	Detail
Maximum Weight Recommendation	500 Pounds
Assembly Required	Yes (95% pre-assembled)
Color	Black Standard

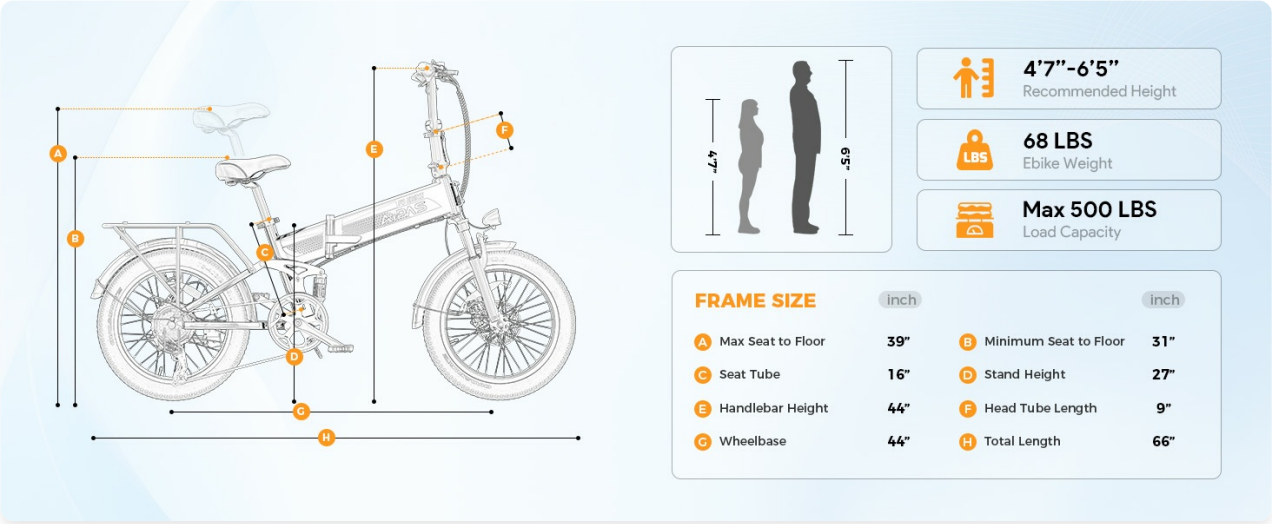


Figure 11: Aipas F3 Electric Bike Dimensions and Load Capacity

10. WARRANTY AND CUSTOMER SUPPORT







Aipas provides a 1-year warranty for quality-related issues and lifetime technical guidance for your electric bike. If you encounter any problems or have questions, please do not hesitate to contact our customer service team. We aim to respond and resolve issues within 24 hours.

Call Center: 1(844) 777-0681 (Mon.- Fri. 9:00 am-5:30 pm PST)

Email Support: service@aipasbike.com



Figure 12: Aipas Customer Service Details

	<p>Aipias-M2 Electric Bike Instruction Manual</p> <p>Comprehensive instruction manual for the Aipias-M2 electric bike, covering setup, operation, safety, maintenance, and troubleshooting.</p>
	<p>Aipias AIPAS-C2 PRO Electric Bike: Instruction Manual and User Guide</p> <p>Comprehensive instruction manual for the Aipias AIPAS-C2 PRO Electric Bike, covering setup, operation, safety, specifications, functions, maintenance, and troubleshooting. Includes detailed guidance on battery care, charging, and legal compliance.</p>
	<p>JOYOR Electric Scooter User Manual</p> <p>Comprehensive user manual for JOYOR electric scooters, covering safety instructions, operation, maintenance, and troubleshooting for models like F, G, and X series.</p>
	<p>Aipias-A2 Electric Bike Instruction Manual</p> <p>Comprehensive instruction manual for the Aipias-A2 electric bike, covering setup, operation, safety, maintenance, and specifications. Learn how to assemble, charge, and safely operate your e-bike.</p>
	<p>Aipias Cityscape Electric Bike Instruction Manual - Safety, Setup, and Specifications</p> <p>Comprehensive instruction manual for the Aipias Cityscape electric bike (Model AIPAS-C1). Covers safety guidelines, assembly, setup, specifications, LCD display controls, functions, troubleshooting, maintenance, and warranty information.</p>
	<p>Aipias-C2 Pro Electric Bike Instruction Manual</p> <p>Comprehensive instruction manual for the Aipias-C2 Pro Electric Bike, covering setup, operation, safety, maintenance, and troubleshooting.</p>