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› [ACTFLAME](#) /

› [ACTFLAME Electric Wheelchair User Manual - Model 02-O](#)

ACTFLAME 02-O Lead-acid Battery & Iron Frame

ACTFLAME Electric Wheelchair User Manual

Model: 02-O Lead-acid Battery & Iron Frame

1. INTRODUCTION

Thank you for choosing the ACTFLAME Electric Wheelchair. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric wheelchair. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. SAFETY GUIDELINES

Your safety is paramount. Adhere to all warnings and instructions to prevent injury or damage.

- **Always use the seat belt:** Ensure the safety belt is securely fastened before operating the wheelchair.
- **Understand the controls:** Familiarize yourself with the joystick and all control functions before operating the wheelchair in public or complex environments.
- **Braking system:** The wheelchair is equipped with an intelligent braking system and a hand brake. Always engage the hand brake when stationary, especially on inclines. The EBASS hill-hold system automatically slows the wheelchair during turns and on slopes.
- **Anti-tipping wheels:** The integrated anti-tipping wheels provide additional stability. Do not attempt to remove or modify them.
- **Weight capacity:** Do not exceed the maximum weight capacity of 350 lbs (approximately 158 kg).
- **Environmental conditions:** Avoid using the wheelchair in heavy rain or extreme weather conditions. The electrical components are not designed for prolonged exposure to moisture.
- **Obstacles:** Exercise caution when navigating over curbs, uneven terrain, or obstacles. The wheelchair is designed for all-terrain use but requires careful operation.

3S folding for Trunk storage

Easily Foldable for Transport Travel



Image: The EBASS hill-hold system provides intelligent braking, automatically engaging when the joystick is released, ensuring stability on inclines up to 12 degrees.

3. PRODUCT OVERVIEW

The ACTFLAME Electric Wheelchair is a foldable, motorized mobility device designed for adults and seniors, offering a long travel range and all-terrain capability.

360° Control Joystick



**Intelligent
Control**



**Immediately
Master**



**Small Turning
Radius**

Image: Key components of the ACTFLAME Electric Wheelchair, highlighting the ergonomic design, seat belt, handbrake, and foot pedal for user comfort and safety.

Key Features:

- **Dual 500W Motors:** Provides powerful performance and efficient movement.
- **Foldable Design:** Allows for compact storage and easy transport.
- **360° Joystick Control:** Offers precise and responsive steering.
- **All-Terrain Wheels:** Durable wheels designed for various surfaces.
- **Safety Features:** Includes seat belt, hand brake, and anti-tipping wheels.

4. ASSEMBLY AND SETUP

4.1 Unfolding the Wheelchair

1. Place the folded wheelchair on a flat, stable surface.
2. Gently pull the backrest upwards until it locks into place.
3. Push down on the seat frame until it is fully extended and locked.
4. Ensure all locking mechanisms are engaged before use.



Lawns



Slopes



Speed Bump



Elevators

Image: The wheelchair features a 3-second folding mechanism, making it easily foldable for compact storage and transport in a car trunk.

4.2 Battery Installation and Charging

The wheelchair is powered by a 24V 12AH lead-acid battery.

- Locate the battery compartment, typically under the seat.
- Insert the battery pack, ensuring it is securely connected.
- Connect the charger to the charging port on the joystick or battery.
- Plug the charger into a standard electrical outlet.
- A full charge takes approximately 5 hours and provides a travel range of 15+ miles.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

Wheelchair Meets All Daily



Living room



Tourism



Travel

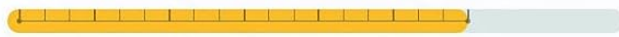
Image: This infographic illustrates the impressive 15-mile travel range, 5-hour charging time, 24V 12AH battery, and a maximum speed of 3.7 MPH, highlighting the wheelchair's endurance and efficiency.

5. OPERATING INSTRUCTIONS

5.1 Joystick Control

The 360° control joystick provides intuitive and precise maneuverability.

15 Miles Travel Range



Charging Time
5 Hours



Battery
24V 12AH



Maximum Speed
3.7MPH

Image: A detailed diagram of the 360° control joystick, showing buttons for speed adjustment, battery level display, power switch, horn, acceleration/deceleration, SOS, mute, and the main control lever.

- **Power On/Off:** Press the power switch button to turn the wheelchair on or off.
- **Movement:** Gently push the control lever in the desired direction (forward, backward, left, right). The wheelchair will move in response.
- **Speed Adjustment:** Use the acceleration and deceleration adjustment switches to control the wheelchair's speed.
- **Braking:** Release the control lever to engage the intelligent brakes. For immediate stopping or parking, use the hand brake.

- **Horn:** Press the horn button to alert others.
- **Battery Level:** Monitor the battery level display on the joystick.

5.2 Driving on Various Terrains

The ACTFLAME Electric Wheelchair is designed with high-quality wheels to adapt to various terrains.

Well-built Electric Wheelchair

Strong support armrests that can be turned up



Image: The ACTFLAME Electric Wheelchair is suitable for various terrains including lawns, slopes, speed bumps, and elevators, providing versatility for daily use.

- **Smooth Surfaces:** Operate at a comfortable speed.

- **Uneven Terrain (Lawns, Gravel, Slopes):** Reduce speed and maintain a firm grip on the joystick. The dual 500W motors provide sufficient power for challenging surfaces.
- **Speed Bumps/Small Obstacles:** Approach slowly and at a slight angle if possible.
- **Elevators:** Enter and exit carefully, ensuring the wheelchair is fully inside before the doors close.

500_w

Electrical Machinery



Noiseless



3.7MPH



350LB

2 Powerful 250w motors

Freedom to control all terrain



Grasslands



Gravel Road



Beaches



Highway



Brick Road

Image: The powerful 500W electrical machinery, comprising two 250W motors, ensures noiseless operation, a maximum speed of 3.7 MPH, and a weight capacity of 350 lbs, allowing freedom to control across various terrains like grasslands, gravel roads, beaches, highways, and brick roads.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your wheelchair.

- **Cleaning:** Wipe down the frame and seat with a damp cloth. Avoid using abrasive cleaners or excessive water on electrical components.
- **Battery Care:** Keep the battery charged. If storing the wheelchair for an extended period, charge the battery fully and then recharge it every 1-2 months to maintain its health.

- **Wheel Inspection:** Regularly check the tires for wear and tear. Ensure all wheels rotate freely and are free from debris.
- **Fasteners:** Periodically check all nuts, bolts, and screws to ensure they are tight. Do not overtighten.
- **Joystick:** Keep the joystick clean and free from obstructions.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery is low or not connected. Power switch is off.	Charge the battery. Ensure battery is properly connected. Press the power switch on the joystick.
Wheelchair moves slowly or inconsistently.	Low battery. Speed setting is too low. Obstruction in wheels.	Charge the battery. Adjust speed setting on joystick. Check wheels for debris.
Joystick unresponsive.	Loose connection. Joystick malfunction.	Check joystick cable connection. If issue persists, contact customer support.
Brakes not engaging properly.	Hand brake not fully engaged. System fault.	Ensure hand brake is fully applied. If automatic brakes fail, cease use and contact support.

8. SPECIFICATIONS

Detailed technical specifications for the ACTFLAME Electric Wheelchair.

Brand: ACTFLAME

Model Number: 02-O Lead-acid Battery & Iron Frame

ASIN: B0F2F66S67

Manufacturer: ACTFLAME

Product Dimensions (LxWxH): 81.03 x 44.96 x 83.82 cm (31.9 x 17.7 x 33 inches)

Item Weight: 30.93 kg (68.2 lbs)

Motor Power: Dual 500W (2 x 250W)

Battery: 24V 12AH Lead-acid

Charging Time: Approximately 5 hours

Travel Range: 15+ miles

Maximum Speed: 3.7 MPH

Weight Capacity: Up to 350 lbs

Color: Orange1

Date First Available: 21 May 2025

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact ACTFLAME customer service directly. Refer to your purchase documentation for specific warranty terms and contact details.

Manufacturer: ACTFLAME

