

JUSTHERO VPB004-01

JUSTHERO Electric Wheelchair Model VPB004-01 Instruction Manual

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your JUSTHERO Electric Wheelchair.

1. PRODUCT OVERVIEW

The JUSTHERO Electric Wheelchair is designed for adults and seniors, offering portability and ease of use. It combines robust construction with user-friendly features to enhance mobility.

- **Comfortable Seating:** Features a 20.3-inch widened seat cushion with an ergonomic design, providing ample space and comfort. It supports a maximum weight capacity of 350 lbs.
- **Lightweight and Portable:** The durable frame weighs only 40 lbs (without batteries), making it convenient for transport.
- **Extended Range:** Equipped with dual battery compartments. Each battery provides a 12-mile range, extending total travel distance to 24 miles with both batteries. Each battery weighs 3.7 lbs and includes a dedicated safety switch.
- **Powerful Performance:** Driven by 500W powerful motors, enabling it to conquer inclines up to a 12° climbing angle.
- **All-Terrain Capability:** Features 7.6-inch solid rubber front wheels and 13-inch pneumatic rear wheels with deepened tread patterns for stronger grip and adaptability to various road surfaces.
- **Enhanced Safety:** Includes an intelligent auto braking system that activates instantly upon joystick release, preventing rollback on slopes.
- **Dual Operation Modes:** Easily switch between electric and manual push modes for versatile use.



The JUSTHERO Electric Wheelchair is designed for portability and ease of use, featuring a foldable frame and robust construction.



The widened seat space of 20.3 inches, combined with an ergonomic cushion, provides enhanced comfort for users.

2. IMPORTANT SAFETY INFORMATION

Read all instructions thoroughly before operating the wheelchair. Pay close attention to all warnings and precautions to ensure safe use.

Battery Safety and Airline Travel

The lithium-ion batteries for this power wheelchair are 180Wh each. Please be aware that the Federal Aviation Administration (FAA) regulations for lithium batteries in air travel state that each battery must not exceed 160Wh. Therefore, these batteries are **NOT approved for air travel**. Always verify current airline regulations directly with your chosen airline before attempting to travel with the wheelchair.

Each battery is equipped with a dedicated switch to ensure safe and reliable use. Always turn off the battery switches when the wheelchair is not in use or during transport.

3. SETUP GUIDE

Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect the wheelchair and all accessories for any signs of damage that may have occurred during shipping. If any damage is found, do not assemble or operate the wheelchair and contact customer support immediately.

Unfolding the Wheelchair

Locate the folding mechanism on the wheelchair frame. Gently unfold the frame until it fully extends and locks into place. Ensure all locking mechanisms are securely engaged before attempting to sit in or operate the wheelchair.

Size & Rear Pneumatic Tires



13 INCH
Rear Pneumatic Tires



7.6 INCH
Solid Rubber Front Tires



40LBS
Without Battery



This image illustrates the dimensions of the unfolded wheelchair, including seat width (20.3 inches), and its compact size when folded for storage or transport.

Battery Installation

Insert the batteries into the dual battery compartments located on the sides of the wheelchair frame. Ensure each battery is securely seated and its dedicated switch is in the "OFF" position before connecting to the wheelchair's power system. Once installed, you can switch them to "ON" for operation.

Dual Battery Compartment Design



12 Miles with
Single Battery



24 Miles with
Dual Batteries



3.4LBS Lightweight
for Singel Battery



The wheelchair features dual battery compartments, allowing for extended range. Each battery provides 12 miles, totaling 24 miles with both.

Footrest Adjustment

The footrest can be adjusted or folded for user comfort and compact storage. Refer to the diagram below for the two folding methods of the pedal.

Dual-wheel anti tip wheels

New structure dual-wheel anti-tip wheels, easy to move after folding the wheelchair.



This image illustrates two different methods for folding the foot pedal, allowing for customization and compact storage.

4. OPERATING INSTRUCTIONS

Powering On/Off

Locate the power switch on the joystick controller. Press this button to turn the wheelchair on or off. Ensure the battery switches are in the "ON" position before powering on the controller.

Joystick Control

The 360° joystick allows for precise and intuitive movement. Push the joystick forward to move forward, pull back to reverse, and move left or right to steer. The joystick also features buttons for speed adjustment, an alarm horn, and a battery display.

Size & Rear Pneumatic Tires



The joystick controller includes buttons for speed adjustment (Speed+, Speed-), an alarm horn, power switch, and a battery display. It also features USB/Type C ports for charging devices.

Speed Adjustment

Use the "Speed+" and "Speed-" buttons on the joystick controller to increase or decrease your travel speed according to your preference and environment.

Intelligent Auto Braking System

The wheelchair is equipped with an intelligent auto braking system for enhanced safety. Releasing the joystick or turning off the controller will automatically activate the brakes, preventing unintended movement, especially on inclines or uneven surfaces.

Your browser does not support the video tag.

This video demonstrates the wheelchair's intelligent auto brake system, which engages automatically when the joystick is released, and its ability to climb inclines up to 12 degrees.

Switching Between Manual and Electric Modes

The wheelchair can be easily switched between electric and manual push modes. Locate the red levers near the rear wheels. Push them up for electric mode and down for manual mode, allowing a caregiver to push the wheelchair.

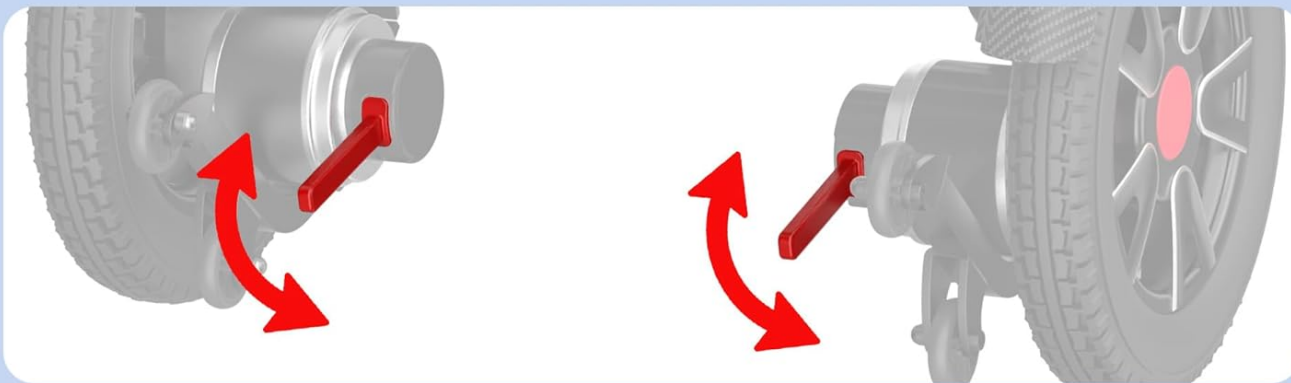
Easily Manual/Electric Switch



PUSH UP: ELECTRIC MODE



PUSH DOWN: MANUAL MODE



This image shows how to switch between electric and manual modes by adjusting the levers located near the rear wheels. Push up for electric, push down for manual.

Controller Placement

The joystick controller can be mounted on either the right or left side of the armrest, depending on user preference and

accessibility needs. Consult the diagram for how to switch the controller's position.

Comfortable

Ergonomic Design

The armrests can be flipped up to make it easier to stand up or get close to the table



This diagram illustrates the process of switching the joystick controller from one side to the other, accommodating both left-handed and right-handed users.

5. MAINTENANCE GUIDELINES

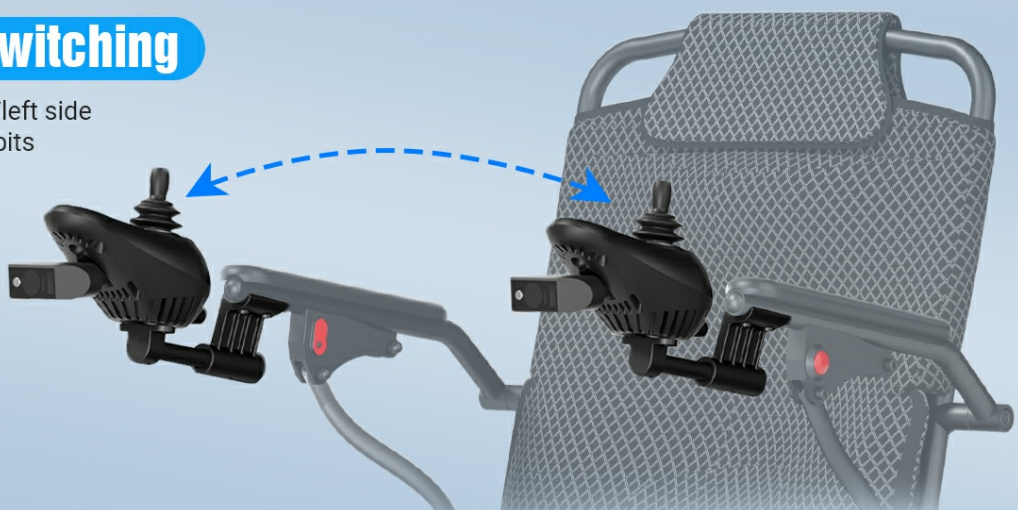
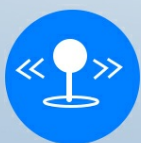
Battery Care and Charging

To maximize battery life and ensure consistent performance, charge the batteries regularly. When charging, always ensure the dedicated battery switch on each battery is turned to the "ON" position. The wheelchair supports two convenient charging methods:

- **Direct Charging:** Plug the charger directly into the charging port on the wheelchair while the batteries are installed.
- **Off-Board Charging:** Remove the batteries from their compartments and charge them separately using the provided charger.

Controller Switching

Can be mounted right/left side according to your habits



This image demonstrates two ways to charge the wheelchair batteries: directly while installed in the wheelchair, or by removing the batteries and charging them separately.

Tire Pressure

The rear wheels are equipped with pneumatic tires. Regularly check and maintain the recommended tire pressure to ensure optimal performance, a smooth ride, and extended tire life. Refer to the tire sidewall for recommended pressure.

Breathable Backrest & Ergonomic Seat Cushion

Breathable backrest and ergonomic seat cushion for superior comfort and ventilation, reducing pressure during long-term use.



The 13-inch pneumatic rear tires provide enhanced shock absorption, improved comfort, and better adaptability to various road conditions due to their deeper tread pattern.

Cleaning

Use a damp cloth to clean the wheelchair frame and seat. Avoid using harsh chemicals, abrasive cleaners, or excessive water, which could damage electronic components or upholstery.

Ergonomic Seat and Backrest

The breathable backrest and ergonomic seat cushion are designed for superior comfort and ventilation, reducing pressure during long-term use. Keep these areas clean and free from debris.

Two Folding Methods Pedal



The breathable backrest and ergonomic seat cushion are designed for superior comfort and ventilation, reducing pressure during long-term use.

6. TROUBLESHOOTING COMMON ISSUES

Wheelchair Not Moving

- **Power Check:** Ensure the power switch on the joystick controller is turned on.
- **Battery Connection:** Verify that both batteries are properly installed and securely connected.
- **Battery Switches:** Confirm that the dedicated switches on both batteries are in the "ON" position.
- **Charge Level:** Check the battery display on the joystick to ensure sufficient charge. Charge batteries if low.

- **Mode Selection:** Confirm the wheelchair is in electric mode, not manual. Adjust the levers near the rear wheels if necessary.

Reduced Range

- **Full Charge:** Ensure both batteries are fully charged before use.
- **Battery Health:** Older batteries or those not maintained properly may experience reduced capacity. Consider replacing if significant degradation is observed.
- **Terrain and Load:** Operating on steep inclines or carrying heavier loads can reduce the overall range.

Uneven or Rough Ride

- **Tire Pressure:** Check the air pressure in the pneumatic rear tires. Inflate to the recommended level if low.
- **Tire Inspection:** Inspect tires for any damage, punctures, or excessive wear.
- **Suspension:** The wheelchair is equipped with a suspension system. Ensure no debris is obstructing the suspension components.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	JUSTHERO
Model	VPB004-01
ASIN	B0F9WL13RY
Seat Width	20.3 inches
Weight Capacity	350 lbs
Wheelchair Weight (without battery)	40 lbs
Motor Power	500W (Dual Motors)
Max Climbing Angle	12°
Front Wheels	7.6" Solid Rubber
Rear Wheels	13" Pneumatic
Battery Type	Lithium-ion (180Wh each)
Single Battery Range	Up to 12 miles
Dual Battery Range	Up to 24 miles
Battery Weight (each)	3.7 lbs
Airline Approval	No (Batteries exceed 160Wh FAA limit)
Color	Black

Feature	Detail
Manufacturer	JUSTHERO
Date First Available	May 29, 2026

8. WARRANTY AND CUSTOMER SUPPORT

For detailed warranty information, technical assistance, or any questions regarding your JUSTHERO Electric Wheelchair, please contact JUSTHERO customer support. Refer to the product packaging or the official JUSTHERO website for the most current contact details.

Please retain your purchase receipt as proof of purchase for any warranty claims or service requests.