**Arshin XW-LY001**

# Arshin Electric Wheelchair XW-LY001 User Manual

Model: XW-LY001

## Introduction

This manual provides detailed instructions for the Arshin Electric Wheelchair Model XW-LY001. Please read this manual thoroughly before operating the wheelchair to ensure safe and efficient use. Keep this manual for future reference.

## Setup

### Unfolding the Wheelchair

The Arshin Electric Wheelchair is designed for easy portability and folds in three simple steps. To unfold, ensure the wheelchair is on a flat, stable surface. Release any locking mechanisms, then gently pull the frame apart until it fully extends and locks into place. Verify all parts are securely engaged before use.

### Battery Installation and Initial Charging

The 24V 12AH battery is removable and weighs approximately 8.3 lbs. It can be charged either on or off the wheelchair. For initial use, fully charge the battery. Charging typically takes 8-10 hours.

- **On-board Charging:** Connect the charger to the charging port on the wheelchair and then to a standard power outlet.
- **Removable Battery Charging:** Remove the battery from the wheelchair. Connect the charger directly to the battery pack and then to a standard power outlet.

*Always use the provided charger to prevent damage to the battery.*




Image: The Arshin Electric Wheelchair showing its dimensions when unfolded (35.8" x 37" x 24.4") and folded (16" x 12.2" x 26.7"). It also illustrates how the folded wheelchair fits into a car trunk, a corner of a room, and a closet.




Image: Demonstrates the two charging methods for the Arshin Electric Wheelchair. One image shows the wheelchair being charged directly via an on-board port, and the other shows the removable battery being charged separately.

## Operating Instructions

### Joystick Control

The wheelchair features a 360° joystick for intuitive control. The joystick responds in approximately 0.3 seconds, allowing for smooth movement forward, backward, and turning. The controller can be positioned on either the left or right armrest to suit user preference.

- **Power:** Indicates battery level (20% per grid).
- **Switch:** Turns the power on or off.
- **Horn:** Activates the horn for alerts.
- **Speed:** Adjusts the driving speed.
- **Upshift:** Increases driving speed.

- **Downshift:** Reduces driving speed.
- **360° Joystick:** Controls direction, speed, and stopping.

## Speed Settings

Choose from 5 different speed settings to match your comfort level and environment. The maximum speed is 4.5 miles per hour.

## Braking System

The wheelchair is equipped with a triple braking system for safety:

- **Electromagnetic Brake:** Automatically engages when the joystick is released, stopping the chair.
- **Manual Hand Brakes:** Two additional hand brakes provide backup stopping power and prevent backward rolling on inclines.




Image: A detailed view of the wheelchair's joystick controller, highlighting its functions: Power indicator, On/Off switch, Horn button, Speed adjustment buttons (Upshift/Downshift), and the 360° joystick for movement. Also shows an LED headlight and a convenient USB port.

Video: Demonstrates the folding and unfolding mechanism of the Arshin Electric Wheelchair, highlighting its portability and ease of storage.

Video: Shows the Arshin Electric Wheelchair in various usage scenarios, emphasizing its suitability for adults and seniors, and its general operation.

## Features and Comfort

### Comfort Design

The seat cushion measures 16" by 16.9" and is made with a soft, breathable fabric for extended comfort. The armrests are adjustable and can flip up, facilitating easier transfers. The footrests also fold up and out of the way for simple entry and exit.

### Additional Features

- **USB Port:** A built-in USB port allows you to charge your phone or tablet.
- **LED Headlight:** Enhances visibility in low-light conditions for increased safety.
- **Storage Bag:** A convenient storage bag is included for personal items.
- **Adjustable Seat Belt:** Provides added security during operation.

### All-Terrain Capability

Equipped with large 12" rear wheels and 7" front wheels, the wheelchair is designed to handle various terrains, including 12-degree slopes, park grass, dirt paths, city speed bumps, and gravel walkways. Anti-tilt safety wheels provide additional stability.




Image: Close-up views of practical details on the Arshin Electric Wheelchair, including foldable pedals/leg rest, adjustable armrests, flip-up armrests, and a storage bag.




Image: Focuses on the all-terrain tires of the Arshin Electric Wheelchair, showing its capability on various surfaces such as gravel roads, lawns, speed bumps, muddy roads, and city roads.

## Maintenance

### General Care

- Regularly inspect all nuts, bolts, and connections for tightness.
- Keep the wheelchair clean by wiping it with a damp cloth. Avoid using abrasive cleaners.
- Check tire pressure periodically if applicable (for pneumatic tires).

### Battery Care

- Always fully charge the battery before first use.
- Charge the battery regularly, even if the wheelchair is not in frequent use, to maintain battery health.
- Store the battery in a cool, dry place.

## Troubleshooting

If you encounter any issues with your Arshin Electric Wheelchair, please refer to the following general advice:

- **Wheelchair not powering on:** Check if the battery is properly installed and fully charged. Ensure the power switch on the joystick is in the 'on' position.
- **Movement issues:** Verify the joystick is functioning correctly and not obstructed. Check for any loose connections to the motors.
- **Braking problems:** Ensure the electromagnetic brake engages when the joystick is released. Check the manual hand brakes for proper function.

For persistent issues or technical assistance, please contact customer support.

## Specifications

| Feature | Detail |
|---|---|
| Model Number | XW-LY001 |
| Product Dimensions (Unfolded) | 37"D x 24.4"W x 35.8"H |
| Folded Dimensions | 16" x 12.2" x 26.7" |
| Item Weight | 71 Pounds |
| Maximum Weight Recommendation | 286 Pounds |
| Battery Type | 24V 12AH |
| Travel Distance (Full Charge) | Up to 15 Miles |
| Charging Time | 8-10 hours |
| Motors | Two 180W brushless motors |
| Maximum Speed | 4.5 Miles per Hour |
| Speed Settings | 5 adjustable levels |
| Brake Style | Electromagnetic, Hand brake |
| Wheel Size | 12 Inches (Rear), 7 Inches (Front) |
| Seat Dimensions | 16" (Length) x 16.9" (Width) |
| Frame Material | Aluminum |
| Required Assembly | No |

## Warranty and Support

### Warranty Information

The Arshin Electric Wheelchair offers free return and exchange within 30 days, provided the original packaging is retained. Additionally, a free parts warranty and technical support are available within 90 days of purchase.

## Customer Support

For any questions, assistance, or to claim warranty services, please contact our customer support team. Arshin is committed to providing seamless assistance whenever needed.

### Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

**Answered questions about this manual**

**How can I reset my Arshin XW-LY001 electric wheelchair if it keeps beeping three times and will not move?**

While the Arshin XW-LY001 manual does not explicitly list a "reset" button, a three-beep code on electric wheelchairs typically indicates a specific fault in the drive system. Please try the following steps to resolve...

Read full answer