

SINCEBORN ER-X2

SINCEBORN ER-X2 4-in-1 Electric Rollator Walker and Wheelchair Combo User Manual

Model: ER-X2

1. PRODUCT OVERVIEW

The SINCEBORN ER-X2 is a versatile 4-in-1 electric mobility aid designed to provide support and independence. It functions as an electric rollator walker, a power-assisted rollator, an electric wheelchair, and a transport wheelchair. Featuring smart power assistance, dynamic resistance recovery training (DRRT), and automatic safety features, this device is ideal for elderly individuals and those undergoing rehabilitation.



Image 1.1: The SINCEBORN ER-X2 demonstrating its four primary modes of operation.

Key Features:

- **Smart Power Assistance:** Automatically senses walking speed and provides adaptive power assist (C1-C3 speed options).
- **Dynamic Resistance Recovery Training (DRRT):** Offers unique resistance and recovery modes for customized rehabilitation.
- **Automatic Safety Features:** Includes auto-brakes on downhill slopes (6°-8° grade detection), intelligent steering assist, and threshold climbing mode.

- **Dual Control Options:** Front joystick for electric wheelchair driving (3 speed sensitivity levels) and push handles for transport wheelchair assistance.
- **Portable Design:** FAA-approved battery, folds to 28 inches for easy transport, and supports up to 254 lbs.
- **Durable Construction:** Features a sandblasted anti-scratch aluminum alloy frame.

2. SAFETY INFORMATION

Read all instructions before using the SINCEBORN ER-X2. Failure to follow safety guidelines may result in injury or damage to the device.

General Safety Precautions:

- Always ensure the device is fully unfolded and locked before use.
- Do not exceed the maximum weight capacity of 254 pounds.
- Ensure the battery is fully charged before extended use.
- Avoid using the device on excessively steep slopes or uneven terrain beyond its specified gradeability.
- Always engage brakes when stationary, especially when transferring in or out of the seat.
- Supervision is recommended for users with cognitive impairments or those who are not fully familiar with the device's operation.
- Keep hands and clothing clear of moving parts, especially wheels and folding mechanisms.
- Do not modify the device in any way, as this may compromise safety and void the warranty.
- Consult a healthcare professional to determine suitability for individual use, especially for rehabilitation purposes.

3. SETUP AND ASSEMBLY

Follow these steps to unpack and prepare your SINCEBORN ER-X2 for first use.

3.1 Unboxing and Initial Setup:

1. Carefully remove the rollator from its packaging.
2. Remove all accessories, including the front joystick controller, rear controller, charger, tool kit, and user manual.
3. Unfold the rollator by pulling the strap upwards. Ensure the red locking mechanism is engaged.
4. Flip down the armrests.
5. Press and hold the buttons on both sides of the footrest to flip it down.

Your browser does not support the video tag.

Video 3.1: Detailed unboxing and initial setup instructions for the electric rollator.

3.2 Controller Installation:

1. **Front Joystick Controller:** Remove the fixing screws from the front armrest. Install the front joystick controller onto the armrest, adjusting the distance as needed. Connect the power cord, ensuring the arrows align and both ends are secure.
2. **Rear Controller:** Retrieve the rear controller from the storage bag. Install it into the slot on the rear armrest.

Front Joystick Driving

360° silky smooth direction control



Mall



Park



Grocery

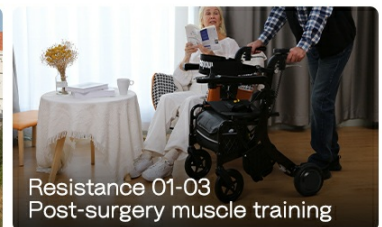
5-speed electric wheelchair mode

Image 3.2: Front Joystick Controller with its various functions clearly labeled.

Rear Smart Assist



Caregiver pushing up slope
(More Power active)



Resistance 01-03
Post-surgery muscle training



Assist C1-C3
Gentle→Turbo push help

Image 3.3: Rear Controller showing resistance (01-03) and power assist (C1-C3) settings.

3.3 Adjustments:

- **Rear Armrest Height:** Press the button on the rear armrest to adjust its height to a comfortable position.
- **Backrest Strap:** The backrest strap can be flipped and adjusted for front-to-rear distance to suit user preference.
- **Foot Pedal Height:** Use a 5mm hex wrench to remove the foot pedal fixing screws, adjust the height, and then secure the screws.

Suitable for most people

Adjustable length range: 27~33 inches



4. OPERATING INSTRUCTIONS

The SINCEBORN ER-X2 offers multiple modes of operation to suit various mobility needs.

4.1 Rear Controller Operation (Rollator & Transport Modes):

- **Power On/Off:** Press the power button to turn on the device. The display will show "LL" (locked). Press any key to unlock.
- **Mode Adjustment:** The "M" button adjusts between resistance (01-03) and power assist (C1-C3) gears.
- **Resistance Mode (01-03):** Provides adjustable push resistance (5-15 lbs force) for rehabilitation and muscle training.
- **Power Assist Mode (C1-C3):** Automatically senses walking speed and provides assistance, making pushing easier. C3 provides stronger assistance for caregivers.
- **Obstacle Crossing:** Press the power button to activate threshold climbing mode, lifting the wheels over obstacles.
- **Automatic Deceleration:** The device automatically decelerates on downhill slopes (6°-8° grade detection) for safety.
- **Reverse/Forward:** The power button can also switch between reverse and forward modes.
- **Constant Speed Assist:** Press the constant speed assist button for continuous assistance.
- **Shut Down:** Long press the power button to turn off the device.

Your browser does not support the video tag.

Video 4.1: Detailed demonstration of the SINCEBORN ER-X2's various functions and modes.



Image 4.2: Transport Wheelchair mode with smart sensing and safety features.

Dynamic resistance recovery training (DRRT)

Resistance provides a strong sense of support



The resistance function provides strong support to the postoperative patients and prevents them from slipping. Strength Mode (01-03): Adjustable push resistance rebuilds leg muscles



Image 4.3: Dynamic Resistance Recovery Training (DRRT) mode for rehabilitation.

4.2 Front Joystick Controller Operation (Electric Wheelchair Mode):

- **Power On/Off:** Press the power button to turn on the device.
- **Speed Adjustment:** Use the "+" and "-" buttons to adjust speed. There are 5 speed gears, with "5" being the fastest.
- **Joystick:** Use the joystick for 360° direction control.
- **Horn:** Press the horn button to alert others.
- **Speed Sensitivity:** To enter user setting mode, press "Gear+" and "Power" simultaneously. Displaying "U" indicates user setting mode. Adjust sensitivity (1-1 Low, 1-2 Middle, 1-3 High).
- **Shut Down:** Long press the power button to turn off the device.

Electric wheelchair

Enhanced control instant response



Stronger power experience brings upgraded control feeling. Achieve precise direction in all aspects and control everything in your hands.



Image 4.4: Electric wheelchair mode with enhanced control.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your SINCEBORN ER-X2.

5.1 Cleaning:

- Wipe down the frame and components with a damp cloth and mild soap. Avoid harsh chemicals.
- Ensure all electrical components and connections remain dry.
- Clean wheels regularly to remove dirt and debris that could affect performance.

5.2 Battery Care:

- Charge the battery fully before first use.
- **Charging Method:** Connect the charger to a power outlet, then insert the charging port into the corresponding charging port of the Front Joystick Controller.
- Do not overcharge or completely drain the battery.
- Store the battery in a cool, dry place when not in use.
- If storing for an extended period, charge the battery every 1-2 months to maintain its health.



Image 5.1: Removable 10Ah lithium-ion battery located in the storage bag.

5.3 General Inspection:

- Periodically check all screws and fasteners to ensure they are tight.
- Inspect tires for wear and tear.
- Ensure all cables and connections are secure and undamaged.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your SINCEBORN ER-X2.

Common Issues and Solutions:

- **Device does not power on:** Ensure the battery is properly inserted and charged. Check all power connections.
- **Motor not assisting in rollator mode:** Verify that the power assist mode (C1-C3) is selected on the rear controller. Ensure the device is unlocked (not showing "LL").
- **Electric wheelchair mode not responding:** Check that the front joystick controller is securely connected and powered on. Ensure the correct speed gear is selected.
- **Difficulty crossing obstacles:** Activate the threshold climbing mode by holding the power button on the rear controller.
- **Unstable movement:** Ensure all adjustable components (armrests, backrest, footrest) are securely locked in place. Check tire pressure if applicable (though these appear solid).

If you experience persistent issues not covered here, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the SINCEBORN ER-X2.

● Material:	Aluminum Alloy
● Wheel Size:	8 Inches
● Motor:	600W Brushless motor
● Color:	Black
● Weight:	36 Pounds (including battery)
● Charging time:	4~6 Hours
● Battery Weight:	3.3 Pounds
● Capacity:	254 Pounds
● Waterproof:	IPX4
● Maximum Range:	15.6 Miles

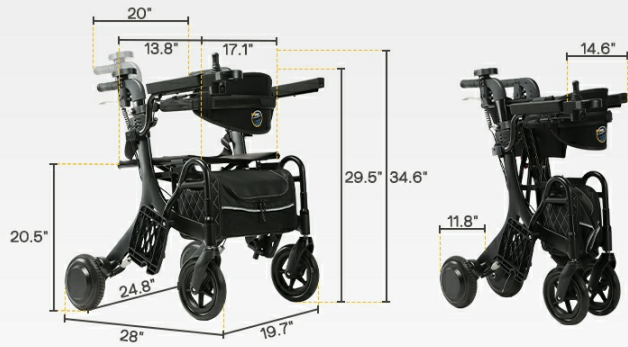


Image 7.1: Key specifications and dimensions of the SINCEBORN ER-X2.

Feature	Specification
Material	Aluminum Alloy
Wheel Size	8 Inches
Motor	600W Brushless motor
Color	Black
Weight (including battery)	36 Pounds
Charging Time	4-6 Hours
Battery Weight	3.3 Pounds
Maximum Capacity	254 Pounds
Waterproof Rating	IPX4
Maximum Range	15.6 Miles
Product Dimensions (D x W x H)	28"D x 24.8"W x 29.5"H
Foldable	Yes
User Height Range	5 ft 3" - 5 ft 11"

8. WARRANTY AND SUPPORT

Your SINCEBORN ER-X2 comes with a manufacturer's warranty and dedicated customer support.

Warranty Information:

- The battery is covered by a **1-year warranty**.
- For specific warranty details on other components and the full device, please refer to the warranty card included in your package or contact customer support.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact the seller, **huijuda**, through your purchase platform or refer to the contact information provided in your user manual.

Please have your product model (ER-X2) and purchase date ready when contacting support.

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