

CASWE A10

Electric Wheelchair User Manual



Other language versions. Video guidance.



Wheelchair Unfolding Steps

1. Wheelchair Folding Status



2. Unfolding the Wheelchair

To unfold the wheelchair, lift the push handle upward and, at the same time, press down on the front of the seat until the wheelchair is fully opened.



3. Locking Mechanism Operation

Insert the locking ring into the designated slot and press the locking plate down forcefully to secure the wheelchair. (Note: The wheelchair should not be used if the safety lock is not properly engaged.)

Please lock the safety lock under the backrest before use!



4. Wheelchair Ready



Attention!!

Please pay attention to the following points before using the wheelchair:

1. Always fasten your seatbelt after getting into the wheelchair.
2. Make sure the Anti-roll Rear Wheels are installed before use.
3. Make sure the safety lock under the backrest is locked before use.

Wheelchair Folding Steps

1. Unlocking Mechanism Operation

Lift the locking plate upwards with force, remove the locking ring, and place it underneath the frame to prepare the wheelchair for folding.



2. Folding the Wheelchair

Hold the backrest tube and the front of the seat, then pull them towards the center to fold the wheelchair.



Controller and Connection Plug

Connection Plug

Upon receiving the wheelchair, align the two red terminals of the battery plug and press firmly to secure them.



Partial function

1.1 Open the Armrest

Press the red circular button and lift the armrest upwards.

1.2 Standing and Folding the Wheelchair

Remove the buckle from the Anti-roll Rear Wheels, flip the Anti-roll Rear Wheels over, then reattach the buckle to enable the wheelchair to stand when folded.



Switching Motor Modes

Manual Mode

Turn off the power of the wheelchair controller for manual mode, allowing the wheelchair to be pushed manually. Then push down the red buttons on both motors.



Electric Mode

For electric mode, turn on the electric switch of the controller. Then push up the red buttons on both motors.

The wheelchair will then be in electric mode, ready for motorized movement. (Note: The wheelchair cannot be pushed manually in electric mode.)

Controller charging



Two Battery Charging Methods

1.1 Remove the Battery

Press the small red button on the right side of the battery case, and simultaneously pull the handle forward to remove the battery. This makes it easy to charge the battery separately.



1. Do not disconnect the battery during charging, and do not use it while charging;
2. The charging current of the controller of the electric wheelchair should not exceed 6A;
3. The charger is compatible with the pins and specifications shown in the charging socket of the controller and battery.
4. The battery can be charged separately, and the dust cover of the charging interface can be turned left and right, and it can be charged after docking the charger.

1.2 Two Charging Methods

Battery charging



Controller Button Layout



Main structure and composition



1. 360 Joystick Controller

Controls the wheelchair's movements (forward, reverse, left, right) with precise speed and direction.

2. 250W*2 Powerful Motor

It features a 250W dual motor, ensuring reliable and powerful performance on all terrains.

3. 12AH Lithium Battery*2

It is equipped with two 12AH Lithium batteries for longer travel distances and consistent power throughout the day.

4. Adjustable Armrests

Offer upper limb support, with liftable options to assist with getting in and out of the wheelchair.

5. Shock Absorbing

Reduces vibration from uneven surfaces, enhancing comfort and supporting users with joint issues.

6. Honeycomb Tires

Durable, puncture-resistant, with excellent grip and low maintenance.

7. Anti-roll Rear Wheels

Prevent the wheelchair from tipping over when moving backwards or on uneven surfaces.

8. Rear Storage Bag

Convenient storage for personal items, providing easy access without affecting wheelchair operation.

9. Seat Cushion

Provides comfort and pressure relief, preventing sores during prolonged sitting.

10. Backrest

Offers comfort and postural support with effective pressure relief.

11. Footrest

Supports the feet and lower legs, ensuring stability and durability.

Technical Specifications

Electric Wheelchair Specification Chart

Motor:250W*2	Armrest Height: 9in
Battery:Detachable 12AH Lithium*2	Backrest Height: 20in
Controller:360 Joystick Controller	Height of Footrest from Seat: 16in
Range:Max 30 Miles (included two batteries)	Distance Between Armrests: 17in
Front Wheels:7in Honeycomb tires	Height of Armrest from Ground: 28.8in
Rear Wheels:12in Honeycomb tires	Braking Distance on Flat Surface: 31.5-39.4in
Brake:Electromagnetic Brake	Max Climbing Angle: 12°
Frame Material:Aluminum Alloy	Operating Environment: 32°F-104°F (0°C-40°C)
Loading Capacity:250 lbs	Turning radius: 36.6in
Net Weight(excluding battery):40 lbs	Max. Safe Slope Braking: ≤62.99in(3°)
Gross Weight:57.5lbs	Static Stability: ≥6°
Max Speed:4 mph(adjustable)	Dynamic Stability: ≥3°
Expanded Size(L*W*H):43.7*23*38in	Obstacle Crossing Height: ≥0.98in
Folded Size(L*W*H): 23*17.8*37.5in	Trench Width: 3.94in
Packaging Size: 24.8*13*34.3in	Minimum Swing Radius: ≤37.4in
Seat Width: 16in	Charging Time: 5-6 hours per battery
Seat Height: 20.5in	Warranty:5 years (frames)
Seat Depth: 16in	

These specifications are the oretical and may vary based on actual driving conditions.

Key Points

Failing to follow these instructions may result in damage to the electric wheelchair or severe injury.

Pre-Operation Practice

1. Choose a spacious area such as a park and find an assistant to help you practice until you are confident enough to operate the chair on your own.



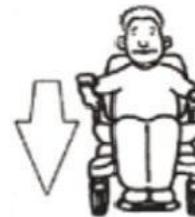
Before getting on or off the wheelchair, always ensure the power is turned off, and set the speed control to your desired level. We recommend starting at the lowest speed setting until you can operate the electric wheelchair with proficiency.

2. Practice stopping, moving forward, and reversing. Push the joystick, and the wheelchair will move to any position you desire.

Joystick Control Diagram



3. Start by practicing moving forward at the lowest speed setting.



4. Once you are proficient in moving forward, practice making 'S' shaped turns.



5. After you are comfortable with 'S' shaped turns, practice reversing, paying attention to the speed control settings, as the wheelchair will reverse at a slower speed than it moves forward.

Warm Reminder

1. Do not replace the charger casually, please protect the charger;
2. The whole vehicle is equipped with the battery. Keep it charged regularly, especially if it has not been used for a long time, it is forbidden to be in a state of no power. Charge it at least once a week to maintain the battery in a cycling state and extend its lifespan;
3. Keep it charged regularly, especially if it has not been used for a long time.
4. It must be deeply discharged regularly to help activate the battery and increase the capacity of the battery;
5. The normal discharge of the battery at 0-10 degrees is 60% of the battery's capacity.
6. The rear tires of this product are solid tires.
7. Charge in a well-ventilated area.
8. Before using the wheelchair, please ensure that the battery has sufficient power. Ensure the battery is fully charged before planning trips.

Safety Precautions and Warnings

Attention: As an electric wheelchair user, you must follow the same rules and regulations as any other vehicle operator. Please keep below points in mind.

Safety Precautions

Precautions for use:

- a. This product is prohibited on the large Angle steep slope, not allowed to stay on the steep slope waiting!
- b. This product cannot close the control system on slope!
- c. Do not turn off the power while in motion (this could lead to loss of control).

- d. Ensure the wheelchair is fully stopped before changing direction or making U-turns.
- e. The mass of wheelchair users should not exceed 110kg, and the speed should not exceed 6km/h when using;
- f. Except for the car elevators, wheelchair users are prohibited from using wheelchairs to go up and down other types of stairs;
- g. When opening or folding the wheelchair, please do not hold the handrail or cross tube; When adjusting the height of the lifting leg, do not place your hands between the adjustment tube and the frame. There is a risk of pinching hands.
- h. At the same time, please do not step on the pedal to get on and off the car, and do not put your foot on the closed footrest.
- i. When adjusting the footrest, the footrest should be no less than 60 mm from the ground.
- j. Accidental factors can cause damage to the wheelchair, leading to potential injuries. The wheelchair should be inspected and maintained regularly. If necessary, inspections and repairs can be done by dealers or nearby maintenance points.

Safety Warnings

1.1 Precautions when walking:

1. Please fasten your seat belt after entering the wheelchair;
2. Please lock the safety locks on both sides of the wheelchair before driving, and do the above two points before you can use the wheelchair;
3. Keep your feet on the footrest while moving. Keep your arms and feet inside the wheelchair at all times.
4. Wheelchairs are prohibited for athletics and dance;
5. For indoor transportation by persons with disabilities or incomplete walking ability (excluding obesity). The use of wheelchairs to carry goods is prohibited;

6. Avoid vehicle lanes. Wheelchairs are considered pedestrians, so please do not walk on the motorway/highway, please use the sidewalk;
7. Wheelchairs cannot be used as seats in the vehicle;
8. Please use this wheelchair on flat ground whenever possible;
9. If you need to walk on a road with steps or an uneven road,, please be cautious of falling into a pit; Pay special attention to getting stuck and steering wheels stuck due to passing through potholes or railway crossings;
10. Check for obstacles behind you before reversing; set the speed to the lowest gear when reversing.
11. Avoid sudden braking, sharp turns, or irregular shaking.
12. Slow down when descending slopes; braking downhill takes longer.
13. Stabilize the wheelchair before getting on or off a slope.
14. Do not carry passengers or exceed the maximum load weight.
15. **When going uphill, keep your center of gravity forward; when going downhill, shift your center of gravity backward as much as possible.**

1.2 Environmental considerations:

- 1) Do not drive near riverbanks or dock parks without clear, blue water.
- 2) Avoid driving in rainy or snowy conditions. Do not use the wheelchair in a harsh environment, which will affect the performance of the wheelchair and cause danger;
- 3) Stay off potholed or uneven roads.
- 4) Do not drive at night.
- 5) Do not attempt to cross obstacles higher than 5mm. Do not attempt to cross gaps wider than 10 cm.
- 6) Exercise caution on slopes: They are more dangerous than flat surfaces, with a higher risk of falls, tipping, or loss of control, which can cause severe injury. Always proceed carefully on inclines.
- 7) Avoid slopes with a gradient greater than 12 degrees.
- 8) Do not reverse on slopes to prevent tipping.
- 9) Avoid side slopes greater than 3 degrees.
- 10) Stay off soft, uneven surfaces like grass or gravel.

- 11) Slow down on slopes (move joystick slowly to decelerate).
- 12) Reduce speed when approaching or crossing curbs.
- 13) Move your seat forward when crossing slopes; secure any adjustable backrest.
- 14) Avoid dirt slopes and soft or unstable surfaces like gravel or thick grass.
- 15) Do not operate under the influence of alcohol or use communication devices while moving.
- 16) Do not exceed the maximum slope grade or climb obstacles higher than 30mm (unless a ramp is installed).
- 17) Do not modify or disassemble the wheelchair without proper knowledge of electromagnetic interference (EMI).
- 18) Turn off power immediately if you experience sudden movement, uncontrolled steering, or brake failure.
- 19) Precaution for Brake Failure or Unintended Movement: Avoid using communication devices or staying near broadcasting sources while moving. If you experience sudden movement or brake failure, immediately switch off the power and report the issue to the manufacturer. Retrofitting may increase the risk of electromagnetic interference (EMI).

Maintenance

Preventive Inspections

- Be sure to check the following items before boarding the wheelchair to ensure it is always in a safe condition.
- When you need to repair, please inform the after-sales service department in time.
- Attention: Check the screws on the Front wheels, rear wheels, brake and other parts, and lock them if they are loose, tighten loose screws in the wheels using the standard kit and a wrench. Check whether the screws and screws are secure regularly.