

Instruction Manual

Mobility Scooter



EMSLA1 Series



SectorCare

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Safety Instructions

Emergency Power-Off

Immediately switch off the power supply if any of the following occur:

- ❶ Unexpected or sudden movement
- ❷ Loss of directional control
- ❸ Brake failure

Safety Instructions

For safe operation of your mobility scooter, do not:

- Carry passengers.
- Operate under the influence of alcohol.
- Tailgate other vehicles.
- Exceed the maximum safe climbing angle.
- Use the joystick erratically on inclines or declines.
- Exceed the maximum user weight capacity.
- Do not press the power button while moving, as this may damage the electromagnetic brakes or joystick controller.
- Travel on soft or unstable terrain.
- Do not change direction or reverse until the mobility scooter has come to a complete stop.

Always:

- Use a slow speed when travelling downhill (return the joystick to the central position).
- Wear the safety belt.
- Keep feet on the footrest while moving.
- Ensure the batteries are fully charged before each journey.
- Charge the mobility scooter in a well-ventilated area.

Reminder: When operating a mobility scooter, the driver must obey all road rules and regulations.



Installation Guide

The mobility scooter is composed of the frame, wheels, seat, armrests, batteries, motor, and controller.



01 Head Light

05 Backrest

09 Motor

02 Basket

06 Seat

10 Battery

03 Handle

07 Controller

11 Charging Port

04 Armrest

08 Rear Wheel

12 Front Wheel

Installation Procedure

1. Unpacking Inspection – Included Items:
Complete mobility scooter, Charger, Battery, Seat, Armrest, Instruction manual.

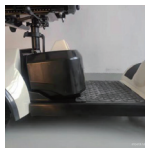
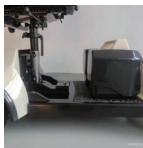
2. Loosen the steering handle folding knob, unfold the steering handle, and securely fasten it in place.



3. Align the seat post with the hole in the seat bracket. Place the seat flat, press it down, then pull the rotating adjustment handle fully forward as it nears the end position. Continue pressing the seat until it is fully secured at the bottom.



4. Place the battery on the foot platform and slide it into the battery compartment until fully seated.



5. Lower the battery retaining bracket over the battery, ensure it is fully secured, then tighten the fastening bolt clockwise.



Removing the Seat

1. Move the rotation adjustment handle forward.



2. At the same time, grasp the back of the seat with your other hand, gently rotate it left and right while lifting upward until the seat is removed from the frame.



Battery Removal

1. Turn the fastening bolt of the battery retaining bracket counterclockwise to loosen it, then lift the bracket upward.



2. Lift the battery, slide it forward, and remove it from the battery compartment.



Frame Separation

1. Remove the seat, remove the battery from the battery compartment, then lift the lock to the unlock position.



2. Hold the rear of the frame and pull it apart.



3. Hold the seat bracket and lift the front section of the frame to complete the separation.



Seat Adjustment

1. The seat base is fitted with a slide rail. To reposition the seat, pull the slide adjustment handle upward, move the seat forward or backward, then release the handle to lock it in place.
2. The seat features backrest angle adjustment. Pull the backrest adjustment handle to set the desired angle, then release it to secure the position.
3. The seat can rotate and lock in eight positions (each at a 45° increment). Pull the seat adjustment handle, turn the seat to the desired position, then release the handle to lock it.

Usage Operation

Control Panel



01 Power Switch

03 Speed Adjustment Button

05 Operating Handle

02 Display Screen

04 Headlight Button

06 Horn Button

Power Switch

To turn on the mobility scooter: Insert the key and turn it to the right position. To turn off the mobility scooter: Insert the key and turn it to the left position.

Speed Adjustment Button

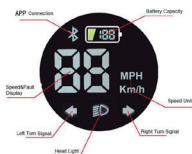
The speed adjustment button controls the scooter's driving speed: Turn the button fully to the left for the slowest speed. Turn the button fully to the right for the fastest speed.

Display Screen

Turn on the power. The display screen will show the remaining battery percentage. The battery status can also be identified by the indicator light colour:

- Green – Battery level is sufficient.
- Yellow – Battery level is low.
- Red – Battery level is critically low and the battery should be recharged immediately.

The display also shows speed and fault information. If a fault occurs, an error code will be displayed on the screen.



Headlight Button

Press the headlight switch to turn on the headlight.

Operating Handle

Pull the handle back with your right-hand fingers to move the scooter forward. Pull the handle back with your left-hand fingers to move the scooter in reverse.

Horn Button

Press the horn button to activate the horn sound.

Handle Comfort Adjustment

Loosen the steering handle folder, hold the direction handle, and adjust it to the most comfortable angle. Once adjusted, release the handle and tighten the steering handle folder securely.

Battery Use

1. Daily use - Charge immediately after each use. Charging time: 6-8 hours (12AH)/10-12 hours (20AH).
2. Infrequent use - If used once a week or less, fully charge after use and recharge at least once a month. Follow the same charging times as above.
3. Safety precautions - Keep away from fire, water, heat (above 45 °C), violent vibrations, impacts, and short circuits.
4. Avoid overcharging - Do not charge for more than 12 hours.
5. Disposal - Dispose of used batteries according to local laws and recycling regulations.

Charger Use

The charger is essential for supplying power safely and efficiently. While the scooter is designed to be maintenance-free, it is recommended to perform regular checks on the charger to ensure proper operation.

Error Signal

Fault code	Fault Description	Solutions
E1	Electromagnetic Brake Fault	1. Set handbrake to electric mode 2. Secure brake connector 3. Replace brake if faulty
E2	Operating handle malfunction	1. Ensure operating handle is centered before starting; if not, reset and restart. 2. Replace accelerator if faulty.
E3	Screen error	1. Replace main line if damaged 2. Secure loose waterproof plug 3. Dry controller plug if shorted by moisture 4. Replace faulty display screen
E4	Overcurrent fault	Check for overload, then power off and restart.
E5	Low voltage stat	Check for overload, then power off and restart.
E6	High voltage stat	1. Battery voltage too high – check specs and replace if needed 2. Charger voltage too high – replace battery
E7	Charge guard	Inoperable while charging; unplug to use.
E8	Controller Overheating	Overheated from overuse/long climb – rest Replace faulty brake
E9	Overheated motor	Overheated from overuse/long climb – rest Replace faulty brake
EA	Motor Hall Fault	1. Secure Hall plug 2. Replace motor
EB	Motor Phase Lose	1. Tighten phase plug 2. Replace motor

Note: If issues persist, contact your dealer or manufacturer.

Electric Operation / Manual Push Mode

Electric Mode

Pull the handbrake lever fully backward. The electromagnetic brake engages (closed state) and the scooter is powered by the motor.

Manual Mode

Push the handbrake lever fully forward. The electromagnetic brake disengages (open state) and the scooter can be moved manually.



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