



**EW-27**

**Crossover Pre-Mobility Scooter**

**Owner's Manual**



[www.ewheelsdealers.com](http://www.ewheelsdealers.com)

**(888) 305-0881 Customer Service**

**(888) 571-2845 Service**

Locate the below listed materials in rear basket:

- Set of mirrors
- Electric charger
- Scooter Key (Located inside charger box)
- Owner's manual

**IT IS VERY IMPORTANT TO READ OWNER'S MANUAL BEFORE SCOOTER OPERATION**

Scooter Initial Operation

- Operate in speed 1 – Everyday use
- Read Owner's manual
- Insert key into ignition (turn key clockwise)
- Set variable speed button to lowest setting (Speed 1)
- Headlight and rear light will activate when ignition key is turned.
  - Turn Key 1 times power
  - Turn Key 2 times lights
- Adjust mirrors to desired positions
- Place both hands on black hand grips
- Twist the throttle slowly with your right hand
- Enjoy the ride!
- Turn off scooter by simply turning key to off counter clockwise.
- Only operate scooter on flat level surfaces.

## Technical Specifications

Model	EW-27 Crossover Pre-Mobility
Weight Capacity	350Lbs.
Speed:	Up to 15mph
Distance:	35 miles per charge (distance varies on terrain, riders weight, and road surface etc.)
Front Seat: Type	Rider seat with back rest
Front seat: Size	13"x9"x4" Backrest 8"
Front Seat:	31" From Ground
Rear Seat: Type	2 <sup>nd</sup> Rider seat with back rest
Rear Seat: Size	14"x10"x7" Backrest 16"
Steering Height	38" from Ground
Rear Foot Rest:	Folding foot rest for 2 <sup>nd</sup> rider
Turning Radius:	45"
Basket Dimensions (Front):	12"x12"x9" (LxWxH)
Power:	Electric
Watts:	500 Watt
Motor Type:	Transaxle differential brushless
Amps:	20 AH
Volts:	48 Volts
Dimensions:	58" x 25" x 41" (LxWxH)
Floor Clearance:	5"
Batteries:	(4) Sealed Lead Acid Maintenance Free
Forward/Reverse switch:	Yes
High/ Low Speed switch:	(3) Speed settings
Front tire size:	14" x 2.5"
Rear tire size:	14" x 3"
Charger:	Smart Charger included
Throttle Type:	Variable Speed Control – Twist throttle
Key Start:	Yes
Braking System:	Front and Rear drum brakes
Drive System:	Brushless Motor
Headlight:	12Volt Bulb Electric Light with Signals
Rear lights:	12Volt Bulb Brake light and Turn Signals
Carton Size:	Shipped Fully assembled on Pallet
Scooter Weight:	183lbs. with batteries
Battery Indicator:	Yes
Front:	Front Suspension Fork
Rear:	Rear Shock Absorbers
Reflectors:	Yes
Warranty:	Limited – 3 Year Warranty

## Operation of Scooter:

1. To prevent injury to yourself or others, always ensure that the power is switched off when getting on or off the scooter.
2. Always check that the variable speed switch is set to Level 1 speed setting



3. Always check that you have selected the correct forward or reverse switch position.
4. Reduce your speed when making turns.
5. Do not switch off the power when the scooter is still moving forward
6. Use 12 volt batteries only.

## Ramps and Curbs

1. The EW-27 scooter is designed to operate only on flat surfaces.
2. **CAUTION** - Avoid all uneven or sloped surfaces
3. Only operate on flat level surfaces.

## General

1. Keep your feet on the scooter all the time.
2. Do not exceed weight capacity of 350lbs.
3. Do not attempt to lift or move a power scooter by any of its removable parts. Personal injury and damage to the power chair may result.
4. Never try to use your scooter beyond its limitations as described in the manual, operate only on flat surfaces.

5. Do not operate your scooter if it is not functioning properly.
6. Do not connect any electrical or mechanical device to the scooter. Failure to obey this instruction may result in injury and will void the warranty.

### **Use While Under the Influence of Medication or Alcohol**

1. Check with your physician if you are taking any medication that may affect your ability to operate your powered scooter safely.
2. Do not operate your scooter while you are under the influence of alcohol as this may impair your ability to operate your power scooter in a safe manner.

### **Environment Condition**

#### **Rain, Sleet and Snow**

If exposed to water, your power scooter is susceptible to damage to electronic or mechanical components. Water can cause electronic malfunction or promote premature corrosion of electrical components and frame.

### **Warranty**

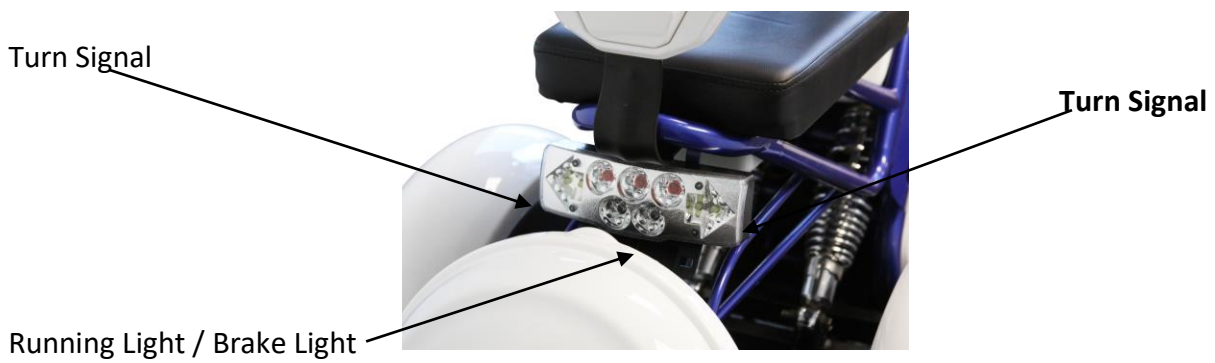
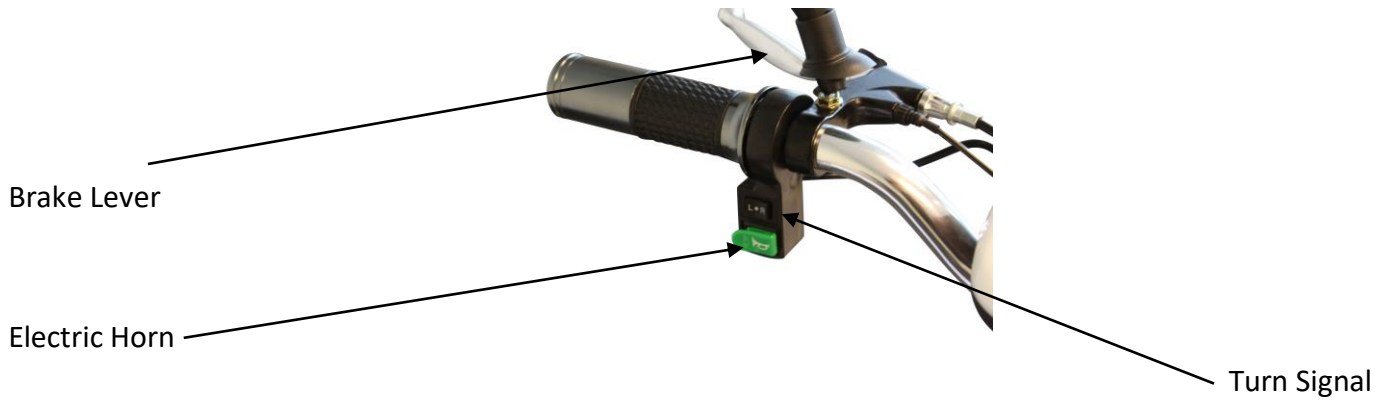
For valid warranty claims E-Wheels will, at their discretion, replace/repair/refund items mutually agreed to be defective.

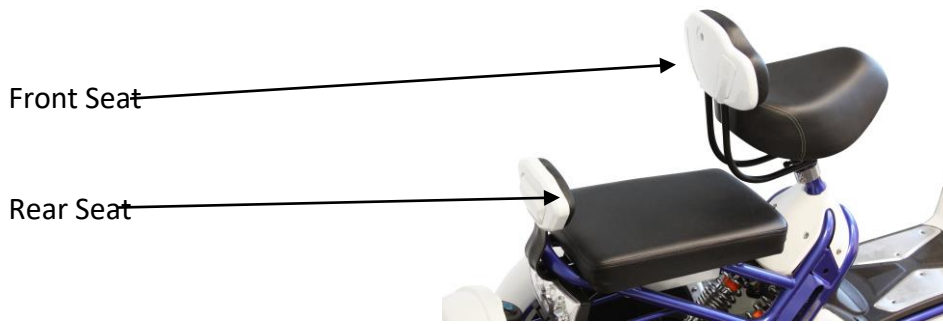
E-Wheels warranty as following:

1. Frame: (3) Year limited warranty
2. Electronic components: (1) Year limited warranty
3. Controllers: (1) Year limited warranty
4. Batteries: Not warranted
5. Consumables: Wheel Tires, arm pads and seat cushion bulbs: Not warranted
6. Labor costs are NOT covered by warranty

Any damage or defect of any nature occurring from the misuse of the product is not to be covered. The warranty is to start from the date of arrival of our product.

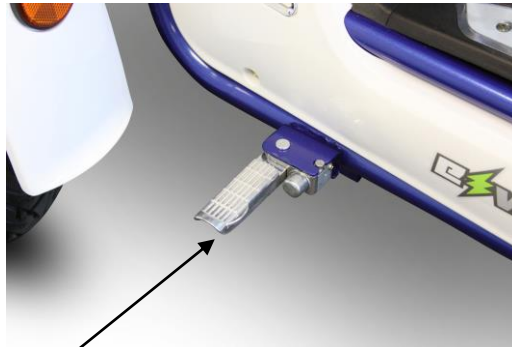
## Instrument Panel





Front Seat

Rear Seat



Rear rider folding foot rest

- Simply push around silver button to open folding pedal
- Close folding pedal by simply pushing pedal towards frame.

### **Batteries and Charger**

We recommend that you use deep-cycle batteries that are sealed and maintenance free for your power scooter. Lead acid (SLA) and gel cell are Deep cycle batteries that are similar in performance. Deep-cycle batteries are specifically designed to provide power, drain down, and then accept a relatively quick charge. Lead acid batteries should be charged fully once a month.

Specification of the battery that we recommend:

Type: Deep Cycle Sealed lead acid or gel cell

Size: 20 AH

Voltage: 12 V Each (4) totals

Depending on the use, terrain and driving conditions, the batteries will provide a range of 35 miles of travel. However, even if the power scooter is not in use we recommend that the batteries be charged periodically.

Note:

- Do not use any automotive starter batteries, they are not designed to handle a long, deep discharge and are unsafe for use in power scooter.
- The useful life of a battery is quite often a reflection of the care it receives.
- Always charge your batteries in well ventilated areas
- The charger is intended for indoor use only.
- For maximum performance, it is recommended that you replace all batteries at the same time if the batteries are weak.
- If the vehicle will not be used for a long period. Arrange to have batteries recharged at least once every month to avoid deterioration of the batteries.

Recharge Battery only when the key is in off position.

### Charger Use

1. Plug charger into Electric wall outlet.
2. Insert charger port into scooter charging plug in located directly in front of scooter main body directly under seat.
3. Red charger light indicates scooter is charging.
4. Green charger light indicated scooter is fully charged. (Monitor to remove once green light is on)

Charger Port

