



**EW-11**

**Owner's Manual**



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

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

**(888) 571-2845 Service**

## **Table of Contents**

Page 2 - Feature Guide

Page 3 - Product Specifications

Page 4 - Operation of Scooter

Page 8 - Mirror Installation

Page 9 - Charging and Battery Information

Page 10 - Ramps and Curbs

Page 11 - General

Page 11 - Use While Under Influence

Page 12 - Safety Requirements

Page 14 – Warranty

.



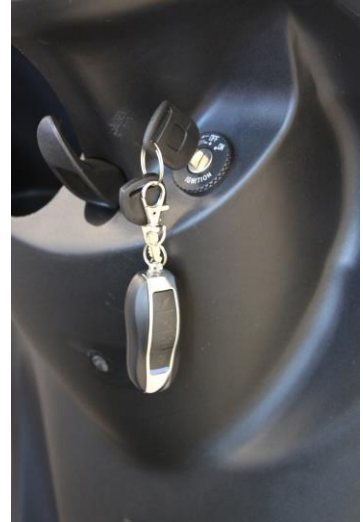
## Technical Specifications

Model	EW-11 Sport
Weight Capacity	400Lbs
Speed:	Up to 18mph
Distance:	40 miles per charge (distance varies on terrain, riders weight, road surface, etc.)
Front Seat: Type	Extended Saddle Seat with 2 rider capacity
Front seat: Size	23 " x 13" x 11" (LxWxH)
Front Seat:	27" from ground
Rear Seat: Type	N/A
Rear Seat: Size	N/A
Steering Height	37" from Ground
Rear Foot Rest:	Folding footrest for 2 <sup>nd</sup> passenger
Power:	Electric 48 volts
Watts:	500 Watt
Motor Type:	Trans-axle motor
Amps:	20 AH
Volts:	48 Volts
Dimensions:	67" x 29" x 38"
Floor Clearance:	5"
Front Basket:	12" x 12" x 8"
Batteries:	(4) 12 volt Sealed Lead Acid Maintenance Free
Forward/Reverse switch:	Yes
High/ Low Speed switch:	3 position switch: Low/Med/High
Front tire size:	10" x 3"
Rear tire size:	10" x 3"
Charger:	48-volt Smart Charger included
Throttle Type:	Variable Twist Throttle
Key Start:	Yes
Braking System:	Front and rear drum brakes
Drive System:	500 Watt Trans-axle
Headlight:	High/Low Beam
Rear lights:	Brake Lights
Carton Size:	63" x 36" x 54"
Scooter Weight:	285lbs
Battery Indicator:	Yes
Front:	Frame suspension fork
Rear:	Two heavy duty shock absorbers
Reflectors:	Yes
Warranty:	Limited – 3 Year Warranty

## Operation of Scooter:

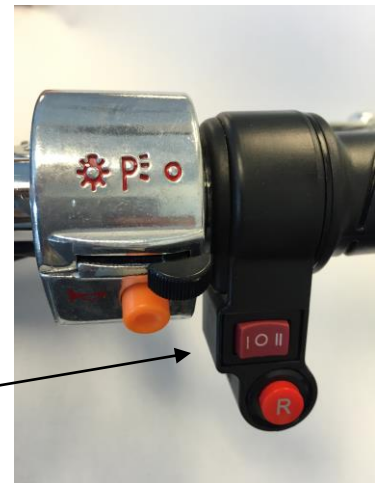
### 1. Turning on the power

Insert key into ignition and turn clockwise to turn the scooter on. The battery indicator will rise to the current charge level when on. Turn the key counter-clockwise to power off when stopped.



### 2. Speed Control

Acceleration is controlled by the black twist grip throttle. Twisting the throttle grip towards you will increase the speed. Releasing the throttle grip will reduce the speed. The top speed is controlled by the three-position speed switch.



The “I” symbol limits the top speed to 6 MPH.

The “O” symbol limits the top speed to 12 MPH.

The “I” symbol allows the machine to travel full speed.

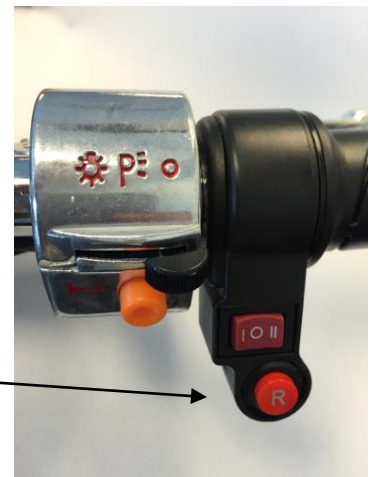
### 3. Battery Power Indicator

The battery power indicator will show when the scooter is on. The battery indicator needle will display as empty when the scooter power is off. When turned on, the battery indicator needle will display the batteries current charge.



### 4. Forward / Reverse

The forward/reverse switch is located on the right side of the handlebar controls. Press the "R" button in to activate reverse. Push again to deactivate

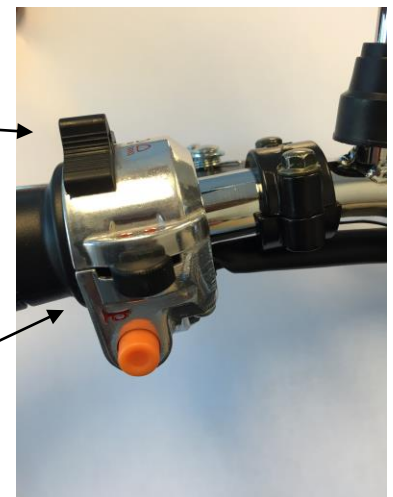


### 5. High and Low Beam

The high and low beam button is located on the left handlebar assembly.

### 6. Turn Signals

The turn signal button is located on the left handlebar assembly. Push in either direction to activate, and return the switch to the middle position to turn the signal off.



### 7. Security System and Remote Start

The security system is controlled with the security key fob. The remote start allows you to use the machine without inserting the key into the ignition.

-Arm Security System

-Disarm Security System

-Panic Button

-Activate Remote Start



(Double click to activate remote start)

### 8. Horn

There is a yellow horn button on both sides of the handlebars. Press button to sound the horn.

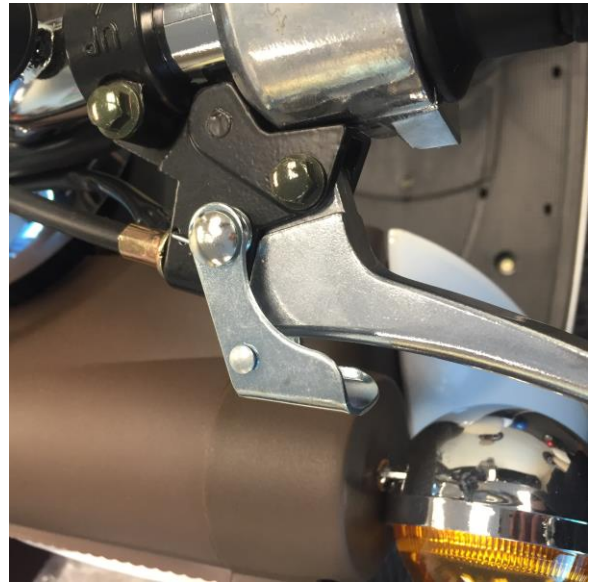
### 9. Running and Headlights

The lights can be turned on and off with the light switch. To the right is off, center is running lights only, and left activates the headlight.



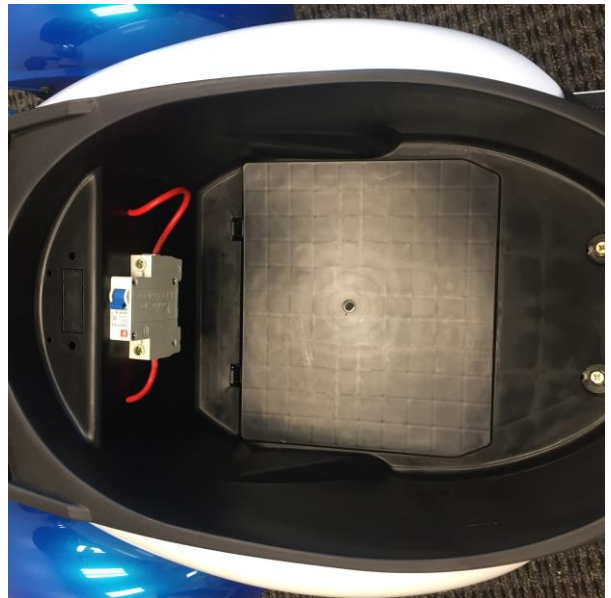
## 10. Parking / Emergency Brake

The parking / emergency brake is located on the left-hand brake. The tab holds tension in the brake lines to keep the unit stationary while not in use. Activate by depressing towards the brake handle, while squeezing the brake handle. The tab will click inwards and active once the brake handle is pulled approximately half way. Squeeze the brake handle to deactivate.



## 11. Under Seat Compartment

Underneath the seat is the circuit breaker, battery access, and a locked storage compartment. To access this compartment, turn the key counter clockwise while in the off position. Do not push the key inwards. (fig a)

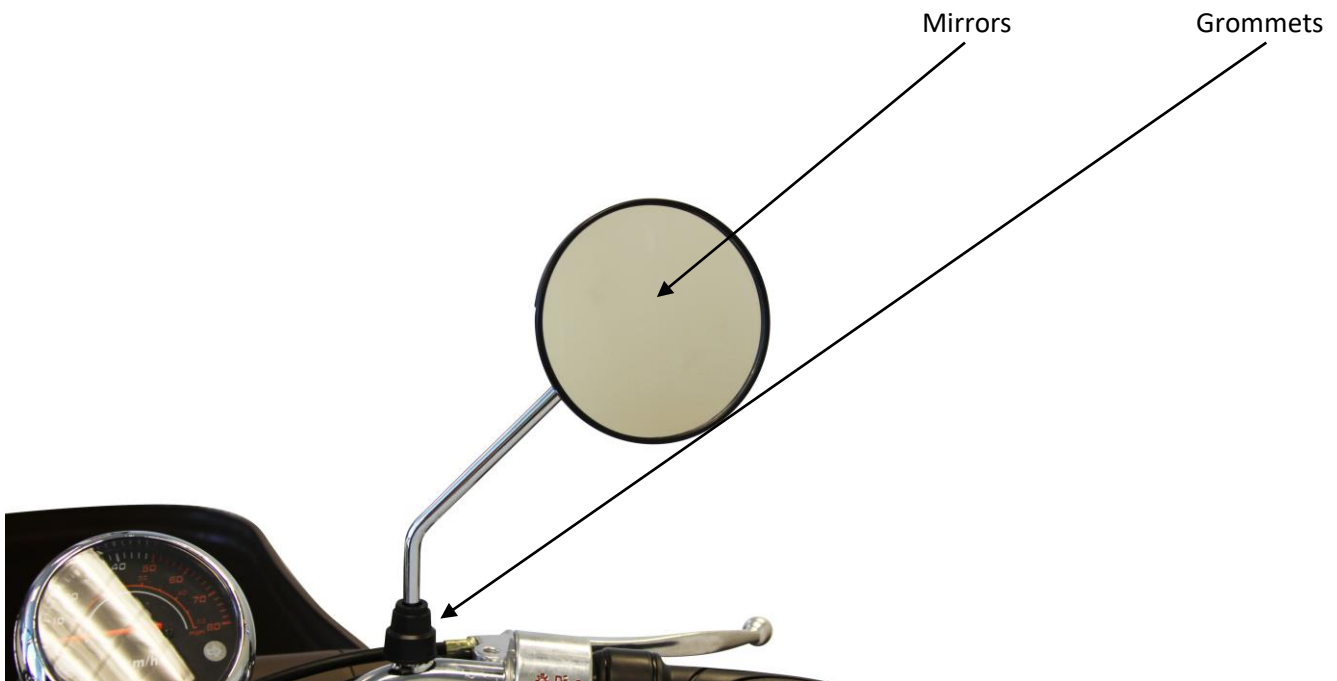




## Mirror Assembly:

Your power scooter is shipped partially disassembled for protection during shipping. After unpacking, please check whether you have received the following main components as our standard specification (See fig 1)

1. Mirrors
2. Mirror Grommets (covers)



To attach the mirrors simply place each mirror threaded end into the mirror post. Turn mirror clockwise and fasten mirror to scooter.

## **Charging Instructions:**

The smart charger included with your scooter will shut off when the scooter is fully charged. When the light on the charger is red, the scooter is still charging. When the light turns green, this means the scooter is fully charged. Once fully charged, unplug within two hours to avoid overcharging.

The charging time varies depending on how charged the batteries are. If almost empty, the charge time may take up to 8 hours. If the red lights stays on for more than 8 hours, unplug the charger.

## **Batteries and Battery Maintenance:**

Only use deep-cycle batteries that are sealed lead acid and maintenance free for your scooter. Deep cycle batteries are specifically designed to provide power, drain down, and then accept a relatively quick charge. Lead acid batteries can be charged as needed

Specification of the battery that we recommend:

Type: (4) 12 volt, 20 AH Sealed Lead Acid, Deep Cycle, Maintenance Free.

Note:

- Do not use automotive batteries. They are not designed to handle and long deep discharge and are unsafe for use in your scooter.
- The useful life of a battery is quite often a reflection of the care it receives.
- Always charge the batteries in a well-ventilated area.
- The charger is intended for indoor use only.
- Replace all batteries at the same time if weak.
- If the scooter will not be used for an extended period of time, arrange to have the batteries recharged at least once every month to avoid deterioration of the batteries.

**Ramps and Curbs:**

1. Check that the ramp surface is roughened to prevent slipping. Never drive across a slope or turn sharply on a slope.
2. When driving up curbs, always check the height of the curb to ensure that it does not exceed 4" height.
3. Always go forward up ramps and curbs.
4. Avoid stopping completely when going over small objects or obstructions.

## **General:**

1. Always keep your feet on the scooter.
2. Do not exceed the weight capacity of 400lbs.
3. Do not attempt to lift or move the scooter by any of its removable parts. Personal injury and damage to the scooter may result.
4. Never try to use your scooter beyond its limitations as described in the manual.
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.
7. Always comply with local laws and regulations.

## **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 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 scooter in a safe manner.

## **Safety Requirements:**

### Driving Surface

The EW-11 has the best stability and performs the best under the normal driving conditions (dry, level ground with concrete or asphalt). Extra care must be taken when riding on other surfaces (grass, gravel, etc.).

DO NOT exceed the specified climbing angle. Do not operate the scooter before you have fully read and understood the manual.

- Always turn the scooter off and set the parking brake before getting on or off the scooter.
- Avoid driving in loose gravel, covered soil and sandstone.
- Do not drive the scooter in unknown road conditions.
- The scooter can ride over small obstacles within a certain height, but you must minimize the speed and slowly drive over the obstacle.
- Do not operate the scooter under the influence of drugs or alcohol.
- Do not park on steep slopes.
- Changing the initial setting of refitting your scooter is forbidden.
- Use caution when operating near busy streets, markets or shopping centers. Do not operate in unsafe areas.

- Consult local authorities about the traffic rules for scooters in your city.
- Hold the handlebar with both hands and put both feet on the floorboard always while operating the scooter.
- Never sit on the scooter in a moving vehicle.
- Do not reverse on uneven slopes or uneven ground; be careful when passing over slops.
- Never take the scooter on an escalator.
- Do not operate on frozen, slippery or salty roads.
- Never let the batteries freeze; do not charge when frozen.
- Make sure the batteries are fully charged before operating.
- Do not let the batteries every go completely dead. When low, do not let sit for an extended period or damage may occur.
- Always use required safety equipment while operating.
- Do not modify or change the electrical system and frame. Doing so will void the warranty.

## **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: Not warranted (Tires, tubes, seat cushions, etc)
6. Labor costs are NOT covered by warranty.

Any damaged 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.