

**ELECTRIC WHEELS**



**EW-700 Electric Scooter**  
Owner's Manual



**PLEASE BE SAFE WHEN RIDING**

**ALWAYS WEAR A HELMET AND OBEY ALL LAWS!**



# IMPORTANT



## BATTERY MAINTENANCE and CHARGING INSTRUCTIONS

1. You **MUST** charge completely prior to initial use. (Follow charging instructions in your Product Handbook)
2. Charge immediately after each use.
3. Charge before storage. You must charge every 30 days if not in use.
4. Charge the unit for 6-8 hours after the light on the charger turns green.
5. **DO NOT** allow this unit to deep discharge the battery.
6. For safety purposes, **DO NOT** charge for over 24 hours.
7. Turn the unit **OFF** when not in use.

**Failure to follow these INSTRUCTIONS will  
VOID YOUR WARRANTY!**

**This PRODUCT IS NOT INTENDED FOR  
OFF-ROAD Use! Please take care of your EW-700**

**DO NOT JUMP or ABUSE THIS PRODUCT!**

**DO NOT RIDE IN WET/ICY CONDITIONS!**

Failure to follow these instructions will  
**VOID YOUR WARRANTY!**

# IMPORTANT

PLEASE READ THIS BEFORE USING THIS PRODUCT

**READ THIS FIRST!**

## **WARNING**

This product does not conform to Federal Motor Vehicle Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this product. Operator can minimize these risks by using certain safety equipment such as: safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.

DO NOT operate this product in traffic, on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.

DO NOT use a water hose to clean this product. See Product Handbook for more information.

This product is recommended for riders 10 YEARS OF AGE and older.

## **SAFETY**

- Persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities should not use this product.
- Minors without adult supervision should not use this product.
- Persons unwilling or unable to take responsibility for their own actions should not use this product.
- The user of this product assumes ALL risks associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.
- This product is ELECTRIC! DO NOT ride this product in wet conditions, puddles or rainy weather.

## **QUICK REFERENCE SAFETY GUIDE**

### **SAFETY GUIDE**

- The minimum recommended age for riding this scooter is 10 years old.
- To avoid damage to the motor and footplate, do not overload the scooter.
- Never ride with more than one person.
- Inspect your scooter thoroughly before each use for loose or missing parts.
- Avoid unintentional starts by turning the scooter off while not in use.
- To avoid the risk of a short circuit in the electrical parts, do not use your EW-700 scooter in the rain and never spray or wash off your scooter with water.
- Do not place the battery near fire or heat.
- To avoid damage to the battery, do not use the charger if it has been damaged in any way.
- Keep hands, face, feet and hair away from all moving parts.
- Do not touch the motor or wheels while they are rotating.
- Brakes are designed to control speed as well as stop the scooter. Practice braking for proper slowing down and smooth stops.
- Maintain your EW-700 as recommended in this Product Handbook.
- Use only quality replacement parts as recommended by the manufacturer.
- Inspect the entire scooter prior to each use. Replace any part that is cracked, chipped or damaged before use.

**\*NEVER ALLOW CHILDREN TO OPERATE THE SCOOTER WITHOUT ADULT SUPERVISION.**

**\*NEVER ATTEMPT TO OPERATE THE SCOOTER WHILE UNDER THE INFLUENCE OF ALCOHOL.**

**If a situation arises that is not covered in the manual,  
proceed with caution and use good judgment.**

**Contact your dealer or EWHEELS (INFO@ELECTRICWHEELSTORE.COM)  
if you need further assistance**

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## GETTING TO KNOW YOUR EW-700



### **EW-700**

#### **Features:**

- 350 Watt Electric Rear Motor
- Three 12 Volt Maintenance Free Batteries
- 15 MPH Top Speed\*
- 8-10+ Miles Per Charge \*
- Variable Speed Twist Throttle
- Front Suspension Forks
- Spring Loaded Adjustable Seat
- 13" Tires with Chrome Mags
- Non-slip Gripping Floor Mat
- Highly Durable Plastic Body
- Foldable Handlebars
- Smart Charger & Tool Kit Included
- 30 Day E-Wheels Warranty
- 6 Month Battery Warranty

\* Depends on Rider Weight and Terrain

## **PACKAGE CONTENTS**

Your EW-700 comes with the following items in the box. Please locate all of the following:

1. The EW-700 Scooter
2. 36V Battery Charger
3. Tool Kit
4. Seat & Seat Post
5. Front Wheel & Axle
6. Trunk with Keys & mounting hardware
7. Trunk Rack & mounting nuts/bolts
8. Spare Fuse(s)
9. Product Handbook
10. Footplate nuts/bolts & washers
11. 1 Handlebar clamp & 1 seat post/trunk rack clamp
12. Footpad Decals

## **GETTING STARTED**



**Please read and understand these instructions and the OPERATING PROCEDURES section, prior to starting or riding your EW-700**



Fig. 1

### Assembly

1. Carefully remove the EW-700 from the box.
2. Install the front wheel and axle. (Fig. 1)
3. Attach the T-handlebar to front fork/wheel and tighten clamp securely at the base. Insert both left and right handlebars by inserting and then tightening the black bolt. (Fig. 2)
4. Secure the footplate to the frame using the 4 enclosed footplate nuts, bolts and rubber washers then apply footplate decals.
5. Insert the seat post and seat into the seat post receiver, and then install the trunk rack to the rear of the scooter. Tighten the seat post clamp securely. (Fig. 3)
6. Optionally, attach the trunk to the trunk rack using the enclosed trunk hardware.

Fig. 2



Fig. 3

## Charging

Your scooter comes charged out of the carton. We still recommend charging the unit for 6-8 hours prior to it's first use. We also recommend charging your scooter after each use and prior to storage.

### Master Power/Kill Switch

Located on the dash, near the ignition is a master power/kill switch. This switch must be on to operate the scooter and on during charging. This switch will cut all power to the motor.

**WARNING:** **Do not** allow your scooter to go into deep discharge, as this will damage the batteries.



Fig. 4



Fig. 5

1. Locate the master kill switch next to the ignition on the dash. Turn to the on position. **Note the master kill switch must be in the on position for the scooter to accept a charge.**
2. Open the charging socket cover located on the left side of the scooter body. (Fig. 4)
3. Locate your Battery Charger. (Fig. 5) Find the charger socket end that has a three-prong socket and plug it into the scooter.
4. Next, plug the AC plug into a wall outlet.

When first plugged in, the charger has two red lights that will illuminate at the same time, indicating that the charging process has started. Once the light on the charger turns green, you may remove the charger and close the safety cap.

## Riding

1. Make sure that all of the exposed bolts and screws are tightened.
2. Raise the kickstand to its upright position.
3. Turn the master power/kill switch to the ON position.
4. Turn the Ignition key to the on position.
5. Gently rotate the THROTTLE GRIP, on the right side of the handlebars. The EW-700 will begin to move on its own power. Your scooter has a variable speed hand throttle. You can control the speed of your scooter by the amount of pressure you use when rotating the hand throttle. The more you rotate, the faster you will go.



## Stopping/Braking

To brake, release the THROTTLE GRIP and depress the BRAKE LEVER on the left side of the handlebar. Depressing the brake will disengage power to the motor. When the unit feels like it is losing power or not accelerating to full speed, the scooter is ready to be re-charged.

## BRAKING SYSTEM

The EW-700 uses a hub brake system on the rear wheel of the scooter activated by a hand brake lever on the left side of the handlebar. Squeezing the hand brake lever with your left hand activates the rear brake. Make sure to release the HAND THROTTLE GRIP when engaging the brake.

Practice braking on a smooth, dry surface to get used to the feel of the braking system. Braking distance is affected by wet conditions and loose and uneven riding surfaces.

## Adjusting the Brakes

The Brakes on the EW-700 should come fully adjusted from the factory. However, it may be necessary to adjust the brakes from time to time.

To adjust the rear brakes::

For brakes that are adjusted too tight:

1. Loosen the tension screw on the left hand brake lever by rotating it counter-clockwise until the wheel spins freely. (Fig. 6)



Fig. 6

For brakes that are adjusted too loose:

1. Tighten the tension screw on the left hand brake lever by rotating it clockwise until the wheel has a slight drag. (Fig. 6)

For further adjustment, Locate the adjustment screw on the rear brake hub located on the rear wheel.

For brakes that are adjusted too tight:

1. Loosen the tension screw on the rear brake hub by rotating it clockwise until the wheel spins freely. (Fig. 7)



Fig. 7

For brakes that are adjusted too loose:

1. Tighten the tension screw on the rear brake hub by rotating it counter-clockwise until the wheel has a slight drag. (Fig. 7)

## Squeaky Brakes

The brakes may squeak before they are broken in. This is normal and will not affect the function or performance of the brakes. With continued use the squeak should go away.

## TIRES

The EW-700 uses an identical tire on the front and rear wheels, which means that the tires can be rotated. Tire wear will differ based on rider weight, riding conditions and care. Replacement tires can be obtained at your local ELECTRIC WHEELS dealer, through motorcycle shops, or from the ELECTRICWHEELSTORE.COM

### Tire Pressure

The tires must be inflated to a maximum of 36 P.S.I. It is also recommended to use a tube additive like **Slime**, available from any motorcycle shop, to avoid inconvenient punctures.

## MAINTENANCE

### **RECOMMENDED TOOLS**

To adjust and service the EW-700 you will need the following tools:

- Allen Wrenches: 3/4/5/6 mm
- Wrenches: 10/13/13 mm Open end wrench
- Large Adjustable Crescent Wrench
- Philips Head Screwdrivers
- Oil, Grease or Lubricant

### **ADJUSTING THE CHAIN**

The chain will come adjusted from the factory. However, it may be necessary to adjust the chain from time to time. The chain must be well aligned onto the sprockets in order to avoid uneven wear. This will result in shortened chain life.

#### How tight should the chain be?

- If the chain is skipping or jumping on the sprockets, this is too loose and may be harmful.

- If the chain is making a humming sound when the wheel is turning, this is too tight and may cause the chain to snap.
- The correct tension is achieved by adjusting the chain from its loose position to when it becomes lightly tense.



Fig. 8

To tighten the chains:

Slightly loosen the two axle bolts on both sides of the rear wheel. (Fig.8). Then slowly adjust the two adjusting screws on each side of the rear tire (Fig.9) until chain reaches the proper tension.



Fig. 9

Rotate the rear wheel to make sure the chain is aligned.

Finally, lock and tighten the rear axle bolts prior to riding.

## **MAINTENANCE SCHEDULE**

Proper care of your EW-700 will insure optimal performance and longer life span. The following are a few maintenance suggestions that will keep your EW-700 running in top condition:

### Daily Maintenance

Perform each time you ride your EW-700

- Clean the exterior of the unit with a soft, damp rag. **DO NOT USE WATER TO CLEAN YOUR EW-700**
- Check that all nuts and bolts are securely tightened.
- Lubricate the chain with any silicone spray, 3&1 oil or any good clean motor oil.
- Check battery charger for any frayed/cut wires.

## TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor Does Not Start	Batteries not connected	Connect batteries
	Power switch is off	Turn on power/key
	Batteries are drained	Charge batteries
	Electrical Fault	Check all fuses
	Master power/kill	Turn on master power
Rear wheel does not	Brake too tight	Adjust brakes
	Motor Trouble	Replace motor
Motor shuts off	Fuse is blown	Replace fuse
	Electrical fault	Check all connections
Low Performance	Batteries not fully	Charge batteries
	Low tire pressure	Inflate tire to 36psi
	Popping sound	Adjust chain drive

### **WARNING**

This vehicle DOES NOT conform to federal safety standards and is not intended for operation on public streets, roads or highways. Serious injuries can result from the unsafe operation of this vehicle.

TO MINIMIZE RISK, the user of this vehicle must wear appropriate safety gear such as helmet, gloves and knee and elbow pads.

DO NOT OPERATE THIS VEHICLE IN TRAFFIC, ON WET OR FROZEN SURFACES OR OILY UNPAVED SURFACES.

Avoid uneven surfaces with potholes, cracks or obstacles.

THIS ELECTRIC SCOOTER IS DESIGNED FOR AGES 10 AND UP. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY THAT OCCURS WHILE RIDING.

## ADDITIONAL INFORMATION

### Scooter Specifications

Model	EW-700
Frame	Alloy
Batteries	12 volt, 12amp X 3
Motor	36 volt, 350 watt
Drive	Chain, rear drive
Net Weight	69lbs
Charging Time	4-6 hours
Distance per Charge	22 miles
Maximum Speed	20mph **
Climbing	6-10"
Capacity	300lbs
Assembled Dimensions	46(L) X 24(W) X 40(H)
Folded Dimensions	46(L) X 24 (W) X 20(H)
Carton Dimensions	46(L) X 14 (W) X 25(H)

\*\*20mph speed is not always obtainable but can be reached when riding on a slope. Maximum speed depends on terrain, the weight of the rider, tire pressure, battery power and weather conditions.

#### Warranty

30-day LIMITED manufacturers warranty on all scooters and accessories. This warranty covers factory defects and defaults only. It does not cover misuse or damage caused by the user or by any other event. Please contact the manufacturer for a complete warranty listing. The manufacturer will cover shipping costs on the first warranted part only. Shipping on any additional warranted parts that are needed after the first free shipment, will be the responsibility of the customer. The manufacturer offers a full 6-month even trade warranty on defective batteries. If any battery should become faulty within 6 months from the purchase date, the manufacturer will replace the battery free of charge. The manufacturer may require that old batteries be returned to for exchange. If you have questions about our warranty, please contact your dealer.

ELECTRIC WHEELS is not responsible for the proper or improper use of merchandise sold. We care about our customers and urge you to exercise caution and take necessary safety measures to protect yourself while engaging in cycling. ELECTRIC WHEELS Scooters encourages, begs, and asks that you wear a helmet and use appropriate lighting while riding at night regardless of the legal requirements in your particular state. Potential customers, you should check with your local law enforcement agency before purchasing about age requirements for riding electric scooters. Some states may have laws restricting the use of scooters on public streets. Generally all states allow them on private property such as campgrounds, parks etc....but many states have age requirements and most states require helmets and protective equipment to be worn by certain age children. Please always scoot safely and know your laws before you go riding. The manufacturer will not take back a scooter if you find your laws do not permit the ridings of this scooter so please, check first.

**For General Information or Parts Visit  
ELECTRICWHEELSTORE.COM**