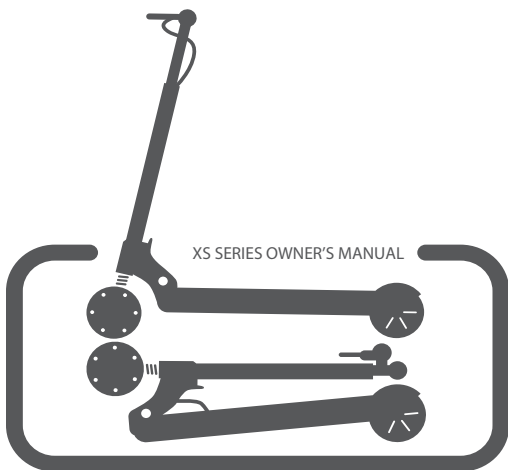


ecoreco

PERSONAL MOBILITY REDEFINED



Version 2.0

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INTRODUCTION

Welcome to the EcoReco community!

Thank you for choosing an EcoReco electric scooter for your eco-friendly recreation and commuting. You will soon experience first-hand that the EcoReco scooter is a compact, efficient, and economic personal transportation vehicle.

This manual provides an overview of the function, operation, maintenance and warranty of your new scooter. Please read the instructions carefully to help

- Always follow state regulations and traffic rules regarding the operation of your electric scooter.

Always wear a safety helmet and suitable clothing, pads, and shoes, and

- maintain full control of the scooter at all times while riding.

Observe the battery's charging requirements to avoid damaging the scooter and to significantly extend its service life.

The information in this manual is accurate at the time of printing. Visit our official website at ecorecoscooter.com for the latest version of the owner's manual as well as a list of authorized repair shops and dealers.

Please register your scooter at ecorecoscooter.com to activate personalized services and timely technical supports. Please do not hesitate to contact us if you have any questions:



[ECORECOSCOOTER.COM](http://ecorecoscooter.com)

customer.service@ecorecoscooter.com

1855 Winchester Blvd,
Campbell, CA 95008, U.S.A.

Enjoy your new EcoReco ride!

GENERAL GUIDANCE

1. The EcoReco scooter is delivered fully assembled from the manufacturer.
2. The battery is pre-charged to 50% out of box for your convenience.
3. The EcoReco scooter undergoes several test rides and charge cycles at the factory for quality assurance purposes. The dashboard might display a few charging cycles and miles ridden at the date of receipt.
4. The product serial number(S/N) is located on the locking mechanism of the scooter.
- 5.
6. The scooter is designed for operation by and the transport of only one responsible person age 16 or older.
7. Adult supervision is required during charging and operation of the scooter.
8. Your insurance may not cover accidents involving the scooter. Contact your insurance company for more information.

- Consult your state's transportation authorities for the latest regulations before operating the scooter on streets. The scooter can only be used on private property UNLESS it is street legal in the state in which you intend to operate it. (While federal and many state laws approve its legal use in bike lanes, some states consider a motorized scooter not street legal.)
- 9.
 10. Your scooter is suitable only for flat surfaces, not for open country, hills, or potholes.
 11. Observe road conditions and follow traffic rules at all times.
Do not operate your scooter on wet surfaces or in bad weather.
 12. For your safety, do not jump or perform stunts while riding. Doing so may also reduce the product life due to a higher load on folding mechanisms and delicate electronics inside.
 13. Fully charge your scooter if you plan to store your scooter for a long period of time.
 14. During long storage periods, monitor the battery level at least once every 3 months.
 15. Recharge the battery if the level is low. The battery naturally discharges over time. Deep discharge could cause irreparable damage to the battery.

Non-designated use of the scooter will cause the warranty to become void.

All modifications to increase performance/speed or generally alter the fundamental features of the scooter endanger the operational safety while reducing the service life of your scooter. Modifications of the scooter immediately voids the manufacturer warranty. Some modifications may be considered a criminal offense and be subject to fines or prosecution by law.

RECHARGEABLE BATTERY AND CHARGER

The battery in your EcoReco scooter is state-of-the-art rechargeable Lithium-Ion (Li-Ion). It is the most suitable material and advanced battery type for personal transport applications. It is significantly lighter and smaller, and provides a longer life than an outdated, toxic Sealed Lead Acid battery.

BATTERY CONDITIONING

- The EcoReco battery is pre-charged to 50% out of box for your convenience so you can ride it right away.
- Use the EcoReco charger to recharge the battery when the battery reading on the dashboard is low. The most efficient zone to charge is in between 1-4 bars. Li-ion batteries have no memory effect.

CHARGING THE BATTERY



Dc-in jack
Charger port

1. plug in the plug into charger port.

Note: please align charger two ports

INSPECTIONS AND REPAIRS

- Before each charging, perform regular visual inspections of the cables and charger.
 - Do not operate the charger if the charger or cables displays visible damages.
 - Contact EcoReco to order a replacement charger. A damaged charger could cause personal injury or short
- circuit the scooter electronics, voiding the warranty.
Do not carry out independent repairs on the battery, charger or cables. Contact



Charging safety tips

- Use only the EcoReco branded battery, charger and cables supplied.
- Only use EcoReco factory parts.
- Ensure the correct connection of the charger using the designated cables.
- Ensure sufficient ventilation.
- Ensure a dry environment. Never allow the charger or cable to come into contact with water. This could result in an electric shock. Never touch the charger or cable with wet hands.
- Immediately remove the plug from the electrical outlet if any fault arises during charging.
- Always pull the plug, not the cable.
- Do not allow the charger or cables to be damaged or crushed by sharp edges or heat.
- Be careful when charging the scooter in the folded position. The weight of the scooter may damage the charging connector if the scooter falls on the cable connector.

BATTERY STATUS

- The battery capacity status and charging cycle are indicated on the dashboard when the scooter is powered on. More information is outlined in the “Dashboard and throttle unit” section.
- It is most energy efficient when charging is performed between 20-80% of battery capacity.

When used normally, the battery should not lose more than 20% of its capacity within the first 600 charging cycles. Typical rechargeable cycles of Lithium ion

USAGE

batteries are more than 2,000 times without losing significant capacity.

- If you ride until the battery is fully discharged and the scooter shuts down automatically, it will not cause any damage. However, please charge the battery immediately.
- Please do not force to restart the dashboard and throttle unit after the battery is fully discharged and the scooter shuts off automatically. Doing so might cause irreparable damage (ie, deep discharge) to the battery and also cause the warranty to become null and void.

Avoid operating the scooter when the battery is hot.

STORAGE

- Avoid storing the scooter under direct sunlight (even if it's inside your car trunk) for a long period of time. The temperature of the scooter body and battery could reach higher than 110 degrees Fahrenheit, causing damage to the functionality and product lifetime of the battery.
- Avoid storing the scooter in wet environments.
-
- In winter, the battery can lose capacity faster because of low temperatures. Recharge the battery in full immediately after it has completely discharged or before storing the scooter for longer periods.
- Even in storage, please monitor the battery level and recharge the battery fully at

Important

- Please charge your EcoReco scooter in full before storing it for long periods.
- Avoid storing the scooter under direct sunlight or in wet environments.
- Even when it is not in use, monitor the battery status or recharge your EcoReco scooter fully every 3 months to prevent a self-induced deep discharge.

DASHBOARD AND THROTTLE UNIT

1. Throttle lever:

The scooter is equipped with Safe-Start protection to limit uninformed jerking; you must first “roll” the scooter manually to gain initial speed before the throttle lever becomes activated. Place your finger(s) over the throttle lever and



Warning

After emergent stops, it takes about 1-2 seconds to re-calibrate the zero speed. The Safe-Start feature does not kick-in during this period, so you may still accelerate the scooter if pulling the trigger. Please make sure the scooter completely stops for more than



2. Power button:

Press for about 2 seconds to power on and about 1 second to power off.

3. Mode selection button:

Press the “power” button as needed to switch among the following functions in sequence.

(a) TRIP: Distance traveled since last resetting the display.

(To reset, hold down the “mode” button until the display flashes twice.)

(b) ODO: Odometer to show total distance traveled.

(c) Numerical Speedometer: (Current velocity of the scooter, it shows “0” when



Note

- For quality assurance, an EcoReco scooter must go through several test rides and charging cycles. Therefore, the ODO and Charging Counter modes might display miles ridden and charging cycles upon receipt.
- Press and hold the “mode” button at the cycle counter mode to change the unit system from imperial to metric. A blinking “SET” and 001 indicates the unit is miles per hour (mph). Click the “mode” button again can switch to kilometers

4. Battery status: miles per hour (mph).

- There are total 5 bars indicating the current battery level. Each represents 16% of battery capacity.
- When the battery level indicator is flashing and shows zero bars, the battery level is low (16% capacity left). You can continue to operate the scooter for some time, but should charge it soon.

The dashboard unit would shut down automatically when the battery drains

5. Speedometer:

below 3% to prevent from deep discharging. Graphic bars display the current speed in miles per hour (mph).

BRAKE

- The brake lever for the rear wheel brake is on the left handlebar.
- To slow down or stop the scooter when it is powered on and moving, push down the brake lever.
- The drum brake on the rear wheel does not kick in until after the brake lever is fully pressed.
- As soon as the brake is activated, the accelerator lever on the right handlebar is deactivated.

To adjust the brake tightness, slightly rotate the screw along the brake cable near the bottom of the stem. Test the brake effectiveness multiple times before riding for

Warning

- Moisture can cause the brake to react more slowly.
For this reason:
 - “Dry brake” carefully in a safe place after washing the scooter.
- Avoid operating the scooter in bad weather (such as rain, snow, or ice).

When taking a longer journey in the rain is unavoidable, reduce speed and increase the braking distance.



Brake lever



TECHNICAL SPECIFICATIONS

Charging time	2 hrs(80%) to 4.5 hrs(100%)*
Load maximum	264.5 lb
Total weight	19.5 lb
Engine performance	200 W
Battery	Li-ion 48V 11Ah
Wheel size	8 in
Size "upright" (operation mode)	39.4 x 36.2 x 15.9
Size "folded" (compact mode)	39.9 x 15.9

SPEED AND RANGE ESTIMATES PER CHARGE†

CRUISING

Speed average	7.8 mph
Range	7.8 miles

PERFORMANCE

Speed average	14 mph
Range	14 miles

*After first-time operation.

†Based on product testing statistics under continuous operation of a 170-lb rider on ground at steady speed in a close course.

Actual operating mileage depends highly on the rider's weight and riding style, road conditions, climate and battery's condition; therefore, estimation here only serves as a reference. Actual mileage per charge might vary.

EcoReco SCOOTER OPERATION

SAFETY REQUIREMENTS

- Your EcoReco scooter is intended for leisure activities only. Operation of the vehicle on public roads is subject to the latest regulations of federal and local authorities, and all offenses against the law
- Always wear a safety helmet and suitable clothing, pads, and shoes. Wear bright, noticeable colors to ensure others can see you more
- Your EcoReco scooter is delivered ready for operation from the manufacturer. No further assembly is needed.

Reminders about the battery and scooter performance

- The EcoReco battery is pre-charged to 50% out of box for your convenience.
- Extreme temperatures, steep inclines, high loads, older batteries and longer storage periods without charging can significantly impact performance.
- If your scooter significantly fails to reach full speed or range during operation although the battery has been fully charged, this could be attributable to unusual use of your scooter or a defect of the battery. Please contact our customer support team or an authorized dealer.

DISPOSAL

You are already making a major contribution to environmental protection by riding your EcoReco scooter. To further avoid unnecessary pollution:

- Dispose of your EcoReco scooter and all associated components (such as batteries) through authorized disposal facilities.
- Please observe the most recent applicable guidelines. If in doubt, find out about environmentally friendly guidelines from your disposal facility.

Warning

- Battery and electric equipment must not be disposed of as household waste.

! Warning

- Always inspect the scooter for roadworthiness before use.

OPERATING TIPS

- Find a private area without road traffic and with enough space for you to get used to your EcoReco scooter.
- Lift up the kickstand.
- If riding your EcoReco scooter for the first time, roll with the scooter with the power off. To get a feel for yourself with the stability of the scooter, stand on the stance you prefer, put your dominant leg on the front of the deck and the other one on the ground. With your feet facing forward. Use the leg on the ground to push the scooter forward. Once you gain speed, gently lift up that leg and rest it on the back of the deck. If needed, adjust your weight on the handlebars to remain balanced. Repeat the same movements once the scooter slows down to keep it going.
- Riding the scooter without power does not damage it.
- Do not turn power on until you are comfortable rolling.
- Press the EcoReco power button on the dashboard for 2 seconds until the display lights up.
- The scooter is now ready for you to get on and take off.
- Your EcoReco scooter offers safe start mode which prevents unintended jerking. Until the scooter will require an initial push of forward momentum to accelerate through the throttle.
- Once you have forward momentum place your finger(s) over the throttle lever and push in as desired to accelerate.
- When the brake is activated, the throttle is deactivated. See the "Brake" section for guidance on the brake and brake lever.
- A slight whirring sound is normal when the scooter is powered on and moving.
- To preserve the battery, press the power button to shut off. The scooter shuts off automatically after 3 minutes of inactivity.



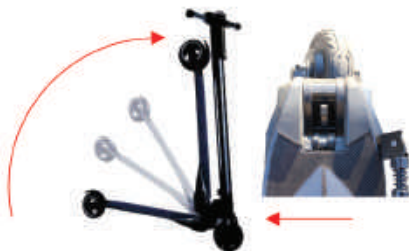
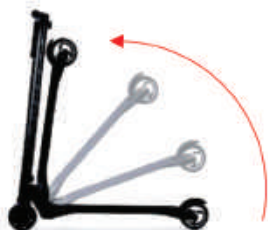
FOLDING FOR TRANSPORT/STORAGE

This section describes how to fold the scooter for transport or storage. Refer to the "EcoReco scooter" section if needed. Do not operate the scooter when it is "folded."

Folding Steps

To Fold

1. Lift the folding lever
2. Push the vehicle head tube towards the standing board
3. Folding is completed after "Click" is heard



To unfold

1. Click lever beneath the deck
2. Press the folding lever downwards
3. Pull the vehicle head tube away from standing board
4. Unfolding is completed after Click is heard

CLEANING AND SERVICING

CLEANING

To avoid rust on screws and unnecessary wear, thoroughly clean and dry the scooter if you have operated it in the rain.

- Washing
 - Use suitable cleaning and care agents and a soft sponge.
 - Never use solvents.
 - Never align a direct water spray to the scooter.
 - Rinse with clear water after washing to remove any cleaning residue.
 - Dry with a clean cloth.
- After washing
 - Wipe off all the water and keep the scooter in a dry place.
 - Performing some “dry brake” operations in a private, safe area before using it again.

CARE & MAINTENANCE

To protect your scooter from unnecessary damage:

- Monitor the battery status at least every 3 months when stored, and
- charge it if needed.
- Avoid unnecessary contact with water to extend the life of the scooter and battery.
- Batteries are susceptible to temperature. Do not park your EcoReco scooter directly

SERVICE

We have a troubleshooting guide to help self diagnose what issue you might be having with our product, it is available via:

<https://ecorecoscooter.com/troubleshooting/>

Also, please go to our FAQ page, under maintenance and service, for troubleshooting tips: <https://ecorecoscooter.com/faq/>

Finally, if you are unable to diagnose the issue, if you could fill out a service form so that our techs may gather a littler more information to

LIMITED MANUFACTURER WARRANTY

Warning

READ AND UNDERSTAND THE WARNINGS AND OWNER'S MANUAL BEFORE OPERATION. SERIOUS INJURY OR DEATH CAN RESULT FROM IGNORING WARNINGS AND/OR IMPROPER USE. PLEASE VISIT [ECORECOSCOOTER.COM](http://ecorecoscooter.com) FOR THE LATEST OWNER'S MANUAL AND WARRANTY INFORMATION. A PAPER COPY IS FOR YOUR QUICK REFERENCE, AND ITS INFORMATION MIGHT NOT BE MOST UP-TO-DATE DUE TO THE LOGISTICS TIME BETWEEN PRINTING AND DELIVERING TO CUSTOMERS.

EcoReco, a California Corporation, expressly warrants that each of its products is free from defects in line with the state-of-the-art in terms of materials and manufacturing under normal operating conditions and according to proper use for a period of 90 days from the date of original purchase. Frame and fork guaranteed for 1 year against factory defects and workmanship. The statutory warranty terms for the battery and motor shall be 3 months/400 miles of private use for the original purchaser/owner, please register as an owner at ecorecoscooter.com to extend to the 6 months/600 miles warranty.

- Normal operating conditions require the following practices described in the owner's manual and routine care/maintenance by the purchaser of the product.
- Proper use means that the EcoReco transportation product is to be used only in the manner intended for personal transportation of a single rider with proper safety equipment described in the owner's manual.

The product is designed for adults and children over 16 years old. Adult supervision of children EcoReco scooters are intended for use only with the proper safety equipment on smoothly paved, safe, dry, non-oily surfaces in accordance with local regulations during daylight hours.

In express consideration of the purchaser's execution of the limited warranty and liability agreement, EcoReco will repair or replace any part or component, other than wear-and-tear parts such as cables, tires, or brake pad/wire/shoe, of the EcoReco scooter free of charge during the statutory warranty period as of the date of original purchase by the purchaser who registers his/her product under the warranty program.

Warranty service can be obtained by contacting your local dealer or the EcoReco Tech. Line at customer.service@ecorecoscooter.com and following the instructions given by the service representative. Shipping costs will be at the purchaser's expense.

In the event of a justified warranty claim, EcoReco is responsible for:

- Repair or replacement of the defective component.
- The cost of dispatch, removal and installation.
- Delivery of spare parts for repair work within the framework of the warranty (spare parts that have been replaced become EcoReco property).

The purchaser is obliged to refrain from using the vehicle purchased for any purpose other than that designated in the operating instructions.

If the scooter has been modified by a third party by installation of non-original parts or any defects are associated with such modifications, the warranty claim shall become null and void.

Furthermore, the warranty claim shall become null and void if the specifications governing treatment of the scooter are not followed and the designated repair services have not been carried out properly.

NOT INCLUDED IN THE WARRANTY

1. Damage to the vehicle brought on by improper use or operation under abnormal conditions. Racing, competitive or commercial use, or modification of the product shall void this express limited warranty.
2. Damage incurred by road chips, hailstones, de-icing salt, industrial fumes, improper care (eg, poor battery charging) or unsuitable care of products. (e.g. water damage)
3. Lubricants, packaging material and various consumables which are not associated with repair work on recognized faults.
4. All maintenance or other work arising from wear, accidents or operating conditions as well as riding while failing to observe the information provided by the manufacturer.
5. All incidents such as development of noise, vibrations, wear of the wheels, brakes etc., which do not significantly impair the riding and vehicle performance.
6. The use of non-original spare parts.
Damage attribute to the installation of non-original parts or efforts by the user or non-authorized party to repair the damage
7. The following components, excluding unambiguous material or manufacturing defects (eg, breakage, incorrect assembly):
8. Components that are replaced during normal maintenance work (eg, batteries, tires, brakes).
9. Components subject to wear (eg, tires, brake pads, cables, lamps, fuses, battery, stands, deck/footboard, brake cable or suspension fork, graphic artwork)
Costs of maintenance, servicing and cleaning work.
Defects originally attributable to a lack of or untimely battery charging.

OTHER DISCLAIMERS

- The warranty claim only entitles the purchaser to demand that the defect be remedied. Claim for conversion and reduction shall only apply after several failed attempts at improvement.
- Compensation will not be provided for direct or indirect claims.
Warranty claims will only be taken into consideration if they are reasserted against the corresponding EcoReco dealer or EcoReco itself immediately after detection of the defect in a certified EcoReco repair shop.
- Warranty claims do not result in the warranty term being renewed or extended.
The warranty conditions shall only apply within the United States of America and Canada.
- The purchase receipt and signed warranty registration form must be presented when asserting warranty claims.

You can contact our EcoReco Tech. Line at customer.service@ecorecoscooter.com if you have any technical queries or issues relating to the warranty. Always have your chassis number at hand. ~~This number is located under the scooter chassis and also visible on the back of this frame of its scooters; (b) under this limited warranty and liability agreement EcoReco shall have no obligation and the purchaser or user shall have no remedy against EcoReco, its officers, agents or assigns for any damages, including without limitation, incidental, consequential, special, punitive damages arising from direct or indirect injury to person(s) or property, or any other loss, whether or not occasioned by negligence, or otherwise, on the part of EcoReco; (c) purchaser acknowledges that there is an inherent risk in the operation of motorcycles, bicycles, mopeds, and all EcoReco scooters, and herewith assumes the risk of any injury arising from operation of any EcoReco scooters.~~

Original owner will indemnify and hold EcoReco harmless and will take full responsibility for

THE EXPRESS LIMITED WARRANTY DESCRIBED ABOVE SHALL BE EXCLUSIVE AND THERE IS NO OTHER WARRANTY OR LIABILITY, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE AND WHETHER OR NOT OCCASIONED BY ORIGINAL OWNER'S NEGLIGENCE. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE EXPRESSLY STATED HEREIN.



Notice

Some states do not allow the exclusion or limitation of incidental or consequential damages and some states do not allow limitation on how long an implied warranty lasts; therefore, some of the above limitations may not apply to you. ~~These limitations shall not apply to cover either direct or third-party liability claims arising from use of this or any other EcoReco product.~~

EcoReco reserves the rights to revise the owner's manual and warranty terms without further notifications.

DECLARATION OF CONFORMITY

Manufacturer (also responsible for the technical documentation):
EcoReco Corporation, U.S.A.
1855 Winchester Blvd, Campbell, California 95008, U.S.A.
CEO: Jay Sung

Herewith we declare that the EcoReco E-Scooter fulfills all relevant provisions of the

- Directive 2006/42/EC (on machinery)
- Directive 2009/48/EC (safety of toys)
- Directive 2004/108/EC (electromagnetic compatibility)

Harmonized standards and/or other technical standards used:

- EN6100-6-3:2007+A7
- EN6100-6-1:2007
- EN71-1, EN71-2, EN71-3
- EN14619
- EN60335-1

The CE symbol as below is to be found on EcoReco E-Scooter. The



Hamburg, March 2013

Jay Sung
EcoReco Corporation, U.S.A.

EcoReco E-SCOOTER



- ① Handlebars
- ② Handlebar sleeves
- ③ Stem
- ④ Dashboard and throttle unit
- ⑤ Brake lever
- ⑥ Securing latch
- ⑦ Foot deck
- ⑧ Charging socket
- ⑨ Kickstand
- ⑩ Rear wheel brake

Register now on ecorecoscooter.com to receive
6 months/ 600 miles warranty on battery and motor

S/N (Serial number)



BSN (Battery serial number)



EcoReco Electric Scooter
EcoReco Corporation (U.S.A)

ecorecoscooter.com
customer.service@ecorecoscooter.com

1855 Winchester Blvd.
Campbell, California 95008

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Version 2.0

This manual is made from 100% recycled paper,
continuing EcoReco's commitment to protect