

Electric Scooter User Manual

THIS MANUAL CONTAINS IMPORTANT SAFETY, ASSEMBLY, OPERATION AND MAINTENANCE INSTRUCTIONS THAT MUST BE FOLLOWED. FULLY READ AND UNDERSTAND THIS MANUAL BEFORE YOUR FIRST USE.



ALWAYS WEAR APPROVED HELMET AND OTHER SAFETY EQUIPMENT WHEN USING THIS PRODUCT.



WARNING: THIS PRODUCT IS INTENDED FOR USE BY PERSONS 14 YEARS OF AGE AND OLDER AND LESS THAN 265 LBS (120KG)

CONTENTS

WARNINGS -----	3
PRODUCT AND COMPONENTS-----	4
FUNCTIONAL DIAGRAM -----	5
ASSEMBLY AND FUNCTION -----	7
CHARGER CONNECTION -----	9
RIDING YOUR SCOOTER-----	10
FOLDING AND TRANSPORTNG -----	14
MAINTENANCE -----	15
TECHNICAL DETAILS -----	16
WARRANTY -----	17
CONTACT INFORMATION -----	18

WARNINGS

- IT IS YOUR RESPONSIBILITY TO KNOW THE LAWS AND UNDERSTAND WHERE IT IS LEGAL IN YOUR TOWN, COUNTY, AND/OR STATE TO OPERATE YOUR SCOOTER
- IT IS YOUR RESPONSIBILITY TO KNOW AND OBEY THE TRAFFIC LAWS THAT PERTAIN TO THE OPERATION OF THIS SCOOTER IN YOUR TOWN, COUNTY AND/OR STATE
- RIDING YOUR E-SCOOTER IS A DANGEROUS ACTIVITY THAT REQUIRES YOU TO WEAR APPROPRIATE SAFETY EQUIPMENT INCLUDING A HELMET, GLOVES, KNEE AND ELBOW PADS
- ALWAYS WEAR SHOES WHEN OPERATING THE SCOOTER
- NEVER RIDE AT NIGHT
- NEVER RIDE IN THE RAIN
- DO NOT RIDE THROUGH MORE THAN $\frac{3}{4}$ IN (2CM) OF WATER
- WET ROADS AND OTHER SURFACES ALTER THE HANDLING AND BRAKING PERFORMANCE OF THE SCOOTER. USE EXTRA CAUTION WHEN YOU ENCOUNTER THESE CONDITIONS
- BE AWARE OF OBSTACLES IN YOUR PATH INCLUDING STORM GRATES, MANHOLE COVERS, POTHOLES, DEBRIS AND LOW HANGING OBSTRUCTIONS
- DO NOT CARRY PASSENGERS
- DO NOT TOW OR ATTACH ANYTHING TO YOUR SCOOTER
- DO NOT HANG OBJECTS FROM THE HANDLEBAR
- DO NOT MODIFY THE SCOOTER
- REPLACE WORN OR BROKEN PARTS IMMEDIATELY WITH FACTORY AUTHORIZED COMPONENTS
- DO NOT TAMPER WITH THE ELECTRICAL SYSTEM; DOING SO COULD RESULT IN INJURY AND/OR FIRE

PRODUCT AND COMPONENTS



ASSEMBLED SCOOTER

Box Content

Screw x 4



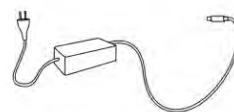
x4

Socket head wrench



x1

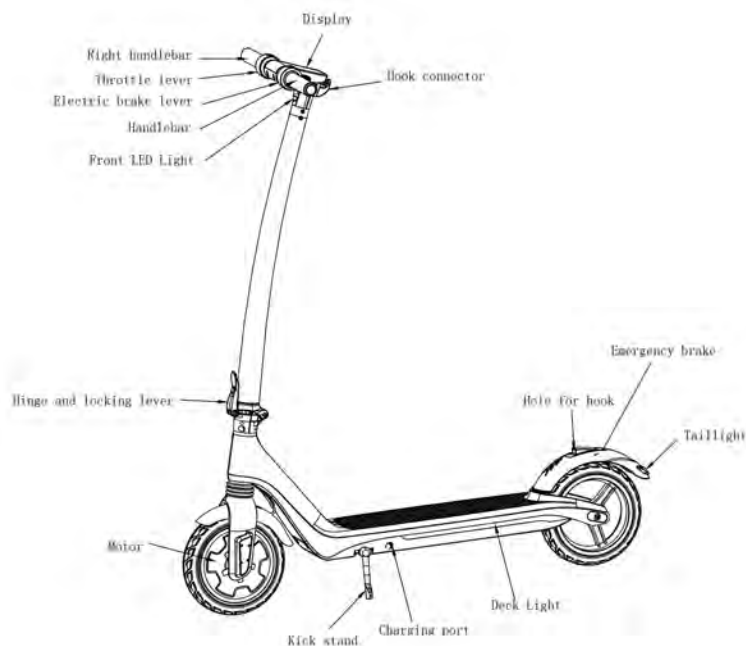
Charging adapter



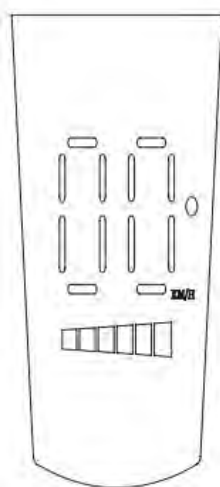
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Please carefully check the contents of the box being sure that nothing is missing or damaged.


FUNCTIONAL DIAGRAM



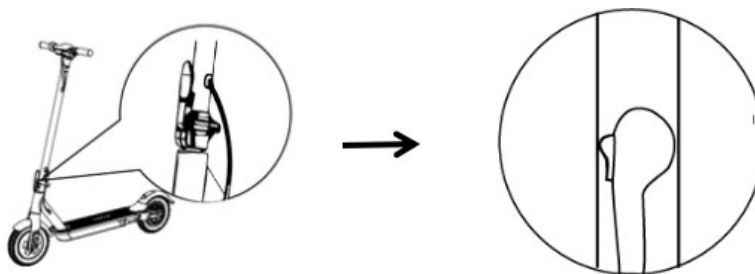
CONTROLS & DISPLAY



SPEED DISPLAY	Showing normal running speed while riding. When in COMFORT mode, the max speed is 12 mph (20kmh); When in SPORT mode, the max speed is 15 mph (25kmh)
BATTERY INDICATOR	There are five electric lights to indicate the charge level. With battery consumption, the power light status will change from right to left. When 5 lights are on, the electricity is between 100%-80%; when 4 are lights on, the electricity is between 80%-60%, and so forth. When the battery is completely depleted, no lights will appear, and the scooter will roll to a stop. Please recharge it before using.
POWER SWITCH	To power on the scooter, briefly press the POWER BUTTON located on top of the right controller. To power off the scooter, press and hold the POWER BUTTON for 2 seconds. Once the scooter is on, a brief press of the POWER BUTTON will turn the front safety light ON/OFF. Press the POWER BUTTON two times quickly to change between COMFORT and SPORT modes. The light on the right-hand side of the DISPLAY will be RED when in SPORT mode.

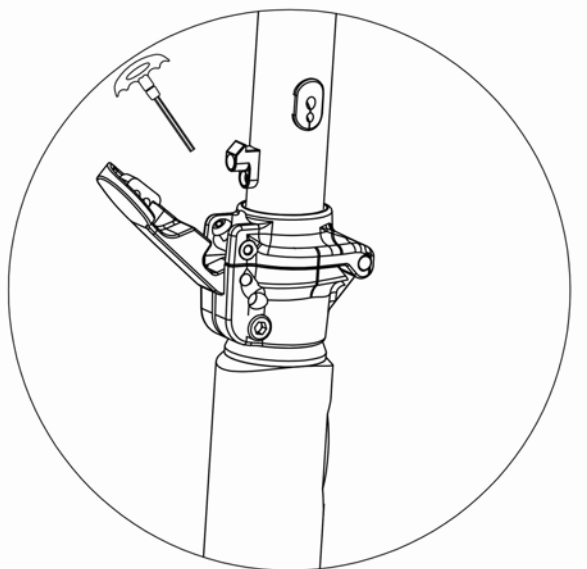
CRUISE CONTROL	<p>To Activate CRUISE CONTROL mode, press and hold the THROTTLE LEVER in the same position for 5 seconds.</p> <p>To Turn off CRUISE CONTROL mode, press the BRAKE LEVER located on the left side of the handlebar.</p> <p> WARNING: The EMERGENCY BRAKE engaged by stepping on the REAR FENDER WILL NOT DISENGAGE the CRUISE CONTROL</p>
AUTO POWER-OFF	<p>If scooter is left standing for 10-15 minutes without action, it will automatically shut down.</p>

Unfolding steps

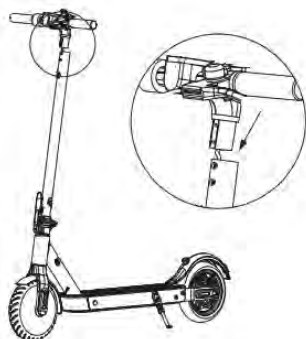


To unfold the scooter, extend the KICKSTAND to hold the scooter upright. Press the fender to release the hook. Lift the handlebars so the Stem is fully extended vertically. Close the LATCH.

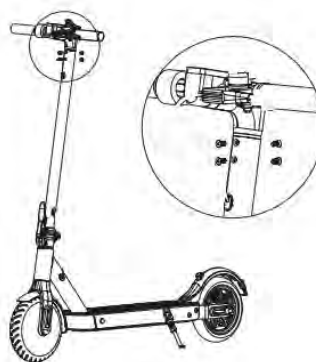
If you have difficulty closing the LATCH, the Cap Screw inside the hinge mechanism may need adjustment. The Dimension from the underside of the Cap Screw to the Barrel Nut it is threaded into should be 11mm.



ASSEMBLY & FUNCTION

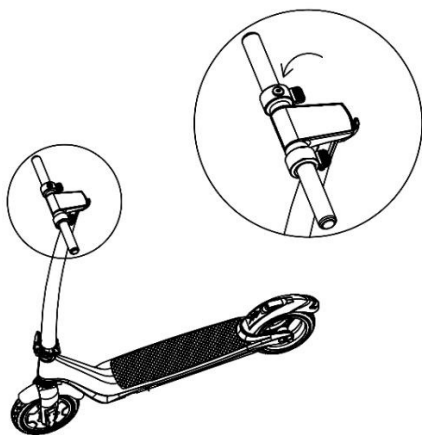


1. Insert the handlebars into the stem being careful not to pinch the power cable.

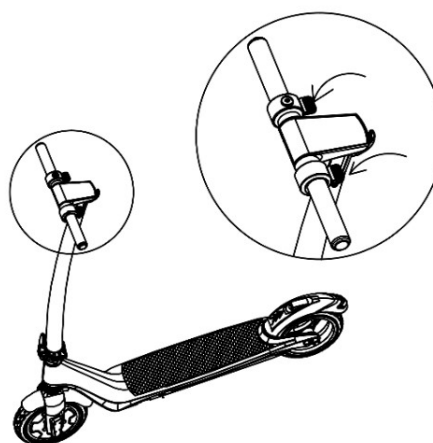


2. Fix the handlebars with the 4 screws provided. Use the M4 Hex Key to attach the handlebars to your scooter. Make sure it is secure and the handlebars are stable before using your scooter.

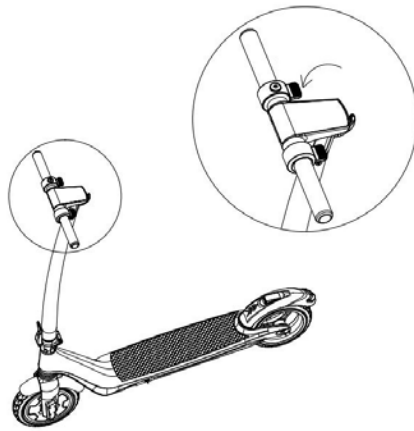
3. If the stem has play, use the M5 Hex Tool Enclosed to secure the two bolts as indicated to the right.



4. ON / OFF: Press POWER BUTTON briefly to turn the scooter ON. Hold for 2 seconds to turn OFF. Once powered ON, press briefly to turn ON/OFF the front safety lights. Press 2x quickly to switch between COMFORT and SPORT modes.

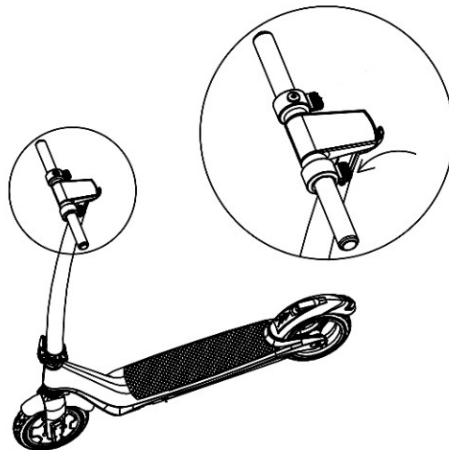


5. Electronic Horn: Press the THROTTLE LEVER (located on the right side of the handlebar) and the BRAKE LEVER (located on the left side of the handlebar) at the same time.



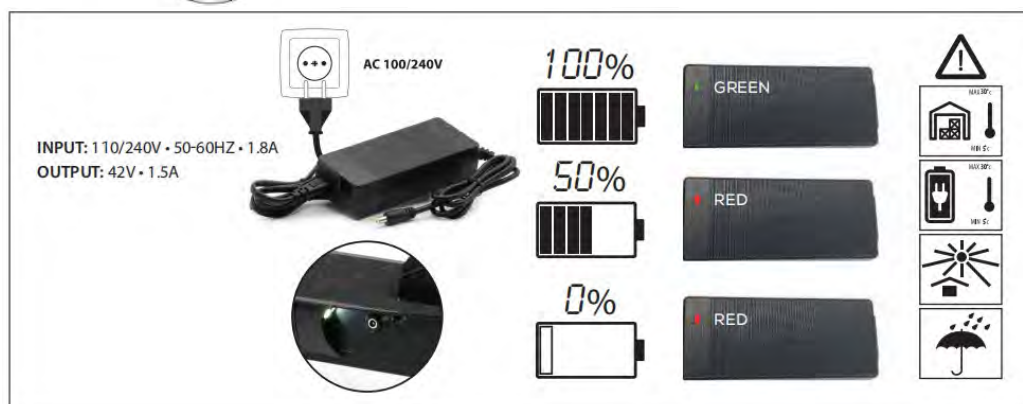
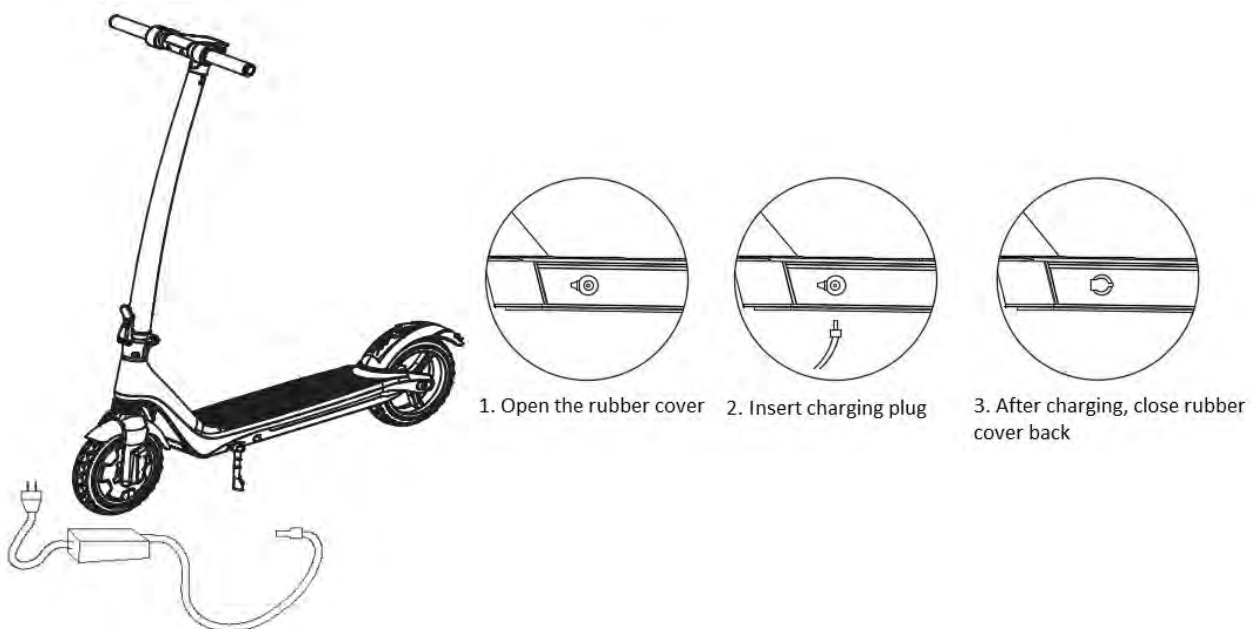
6. CRUISE CONTROL: The scooter maintains your selected speed when the THROTTLE LEVER is held in the same position for 5 seconds. An audible “BEEP” will be heard when CRUISE CONTROL engages. To Turn off CRUISE CONTROL mode, press the BRAKE LEVER located on the left side of the handlebar.

⚠️ WARNING: The EMERGENCY BRAKE, engaged by stepping on the REAR FENDER, **WILL NOT DISENGAGE the CRUISE CONTROL**



7. The scooter will slow and come to a controlled stop by pressing the ELECTRIC BRAKE LEVER found on the left side of the handlebar.

CHARGER CONNECTION

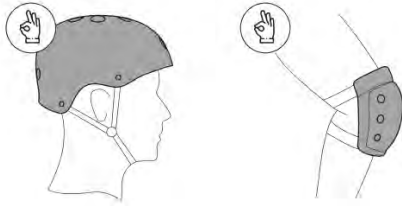



- Charge Time: 5 Hours
- Max Charge Time: 6 Hours


! DO NOT LEAVE THE CHARGER CONNECTED OVERNIGHT TO REDUCE THE RISK OF PRODUCT DAMAGE AND FIRE

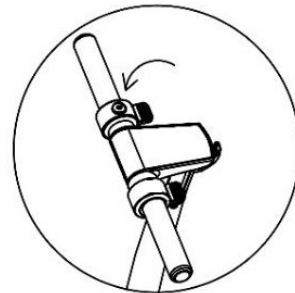
! DO NOT CHARGE NEAR FLAMMABLE MATERIALS

RIDING YOUR SCOOTER

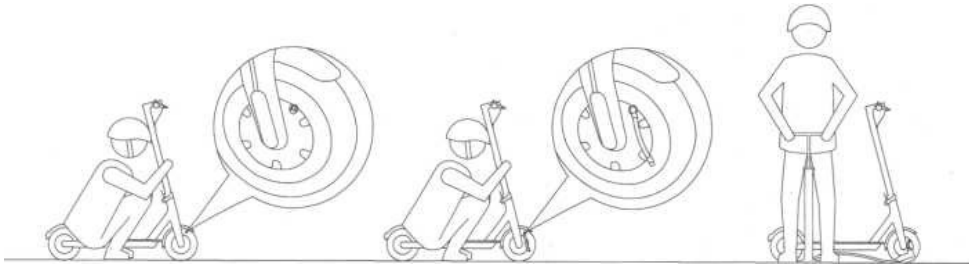


 Riding your E-Scooter is a dangerous activity that requires you to wear appropriate safety equipment. **ALWAYS WEAR A HELMET, GLOVES, KNEE AND ELBOW PADS**

 For your safety, when learning to ride your E-Scooter, it is important that you practice away from pedestrians and traffic until you feel comfortable with the controls and handling.



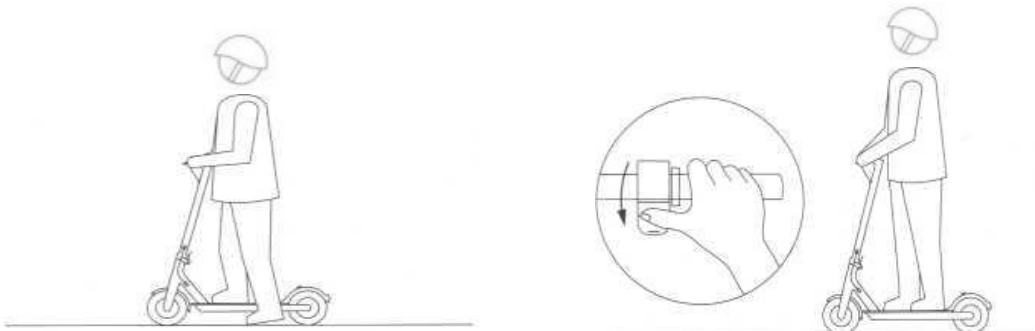
Turn the scooter ON by briefly pressing the button on the RIGHT CONTROLLER.



Before every ride, check the tire pressure of your scooter. To add air to your tires, unscrew the cap of the tire valve located near the perimeter of the rim. Take note of the maximum tire inflation pressure printed on the side of the tire. Using a bicycle tire pump equipped with a pressure gauge, inflate the tire to a pressure not exceeding the max pressure printed on the tire. If you have difficulty connecting the head of the tire pump to the tire valve, use a valve extender between the pump head and the valve. Disconnect the pump, remove the valve extension if used, and replace the valve cap.



NEVER USE A COMPRESSOR TO INFLATE YOUR TIRES



Raise the KICKSTAND. Place one foot on the deck of the scooter keeping the other foot on the ground.

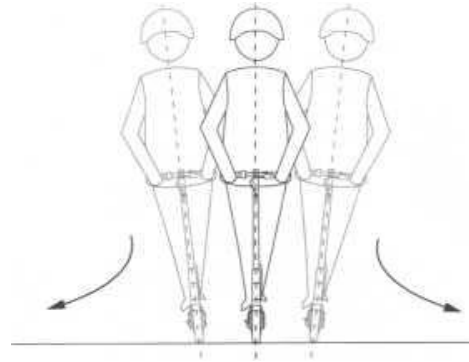
Using the foot on the ground, push off to get the scooter rolling forward. Gradually press the THROTTLE LEVER to engage the motor. The motor engages when the scooter is moving 3mph (5kmh). As the scooter begins to move under power, place the foot you used to push off onto the scooter deck.



Releasing the throttle will allow the scooter to slowly decelerate. To bring the scooter to a stop more quickly, activate the ELECTRIC BRAKE located on the LEFT side of the handlebar.



IN INSTANCES WHERE A RAPID STOP IS NECESSARY OR IN CASES OF ELECTRIC BRAKE MALFUNCTION, ACTIVATE THE EMERGENCY FENDER BRAKE BY STEPPING ON THE REAR FENDER




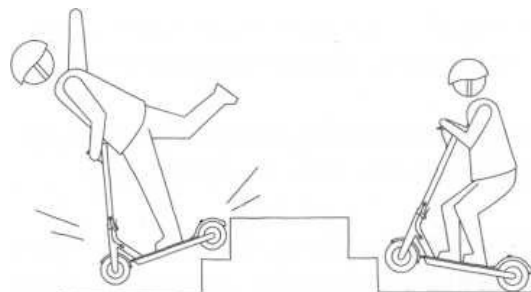
To turn your scooter, ease the handlebar in the direction that you would like to go.




Do not rapidly turn the handlebar as a loss of control may result.



 KEEP BOTH HANDS ON THE HANDLEBAR AT ALL TIMES.



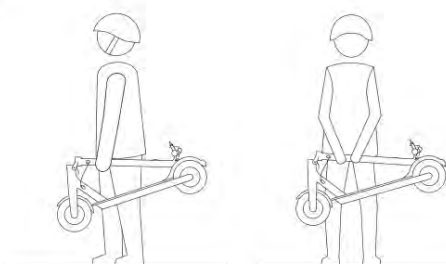
 DO NOT JUMP, RIDE UP OR DOWN CURBS OR PERFORM STUNTS.

FOLDING AND TRANSPORTING



FOLD + STORE + TRANSPORT

UNFOLD



 **ALWAYS BE SURE THE POWER IS OFF WHEN FOLDING AND UNFOLDING THE SCOOTER**

To unfold the scooter, extend the KICKSTAND to hold the scooter upright. Press the fender to release the hook. Lift the handlebars so the stem is fully extended vertically. Close the LATCH.

To fold the scooter, extend the KICKSTAND to hold the scooter upright. Release the LATCH LEVER and fold the STEM towards the FENDER. Engage the HOOK with the HOLE in the REAR FENDER. Hold the scooter with one hand and retract the KICKSTAND with the other. Carry the scooter by the STEM with one or both hands.

MAINTENANCE

Cleaning:

- Clean the surface with a soft damp cloth using water only.



NEVER USE SOLVENTS TO CLEAN THE SCOOTER



NEVER USE A HOSE TO WASH THE SCOOTER.

Battery Maintenance



**FAILURE TO PROPERLY CHARGE AND MAINTAIN THE BATTERY
COULD RESULT IN FIRE, PERSONAL INJURY OR ENVIRONMENTAL
DAMAGE.**

- Do not use other models or brands of batteries as there may be a risk of fire and/or damage to the scooter.
- Do not touch the battery contacts, and do not open or expose the shell. Avoid metal objects touching the battery contacts to cause a short circuit. Or it may cause damage to the battery or personal injury or death.
- Only use the original charger to charge. Failure to do so, could result in fire damage to the product.
- Improper disposal of used batteries may cause serious contamination of the environment. Observe local regulations when discarding this battery pack. Do not dispose of the battery pack, to protect the natural environment together.
- After each use, please recharge the battery prior storage which makes it conducive to extending battery life.
- Do not place the battery in a high temperature environment higher than 120°F (50°C) or below -4°F (-20°C). Do not store the electric scooter or its battery pack in a vehicle in the summer. Do not put a battery into a fire due to risk of explosion. When not using for more than 30 days, please fully charge. Stored in a cool dry place and fully charged every 60 days or risk battery damage. This damage is not covered by the warranty.
- Battery performance drops dramatically when using the scooter in temperatures below 32°F (0°C).
- A fully charged electric scooter will completely lose its charge in 120-180 days of sitting idle.

TECHNICAL DETAILS

Performance index	Item	Parameters
Product dimensions	Unfolded: Length x Width x Height	42X17X47in (1068x420x1201mm)
Product dimensions	Folded: Length x Width x Height	42x17x20in (1068x420x508mm)
Product weight	Weight	28LBS (12.5KG)
Riding requirements	Max loading	265LBS (120KG)
	Applicable age	≥14 years old
	Applicable height	≥47IN (≥120CM)
Main parameters	Max speed	15MPH (25KMH)
	Range (km)	12-15MI (20-25KM) (depends on user's weight, road conditions, outdoor temperature, etc.)
	Climbing ability	≤15°
	Applicable terrain	Flat dirt road, no higher than 3/8IN (1CM) bumps, no more than 1IN (3cm) wide dips
	Working temperature	14~104°F (-10~40°C)
	Storage temperature	-4~113°F (-20~45°C)
	Protection levels	IPX4
Battery parameter	Rated Voltage (VDC)	37V
	Max charging voltage (VDC)	42V
Motor parameter	Rated input voltage (VAC)	110-240V
	Rated output voltage (VDC)	42V
	Motor power (W)	350W

KESTREL E-SCOOTER WARRANTY POLICY – UNITED STATES

PGW LTD., and its distributors, provides the original retail purchaser of each new Kestrel electric scooter a 90-day warranty.

This warranty is expressly limited to the repair or replacements of a defective frame, fork, or part and is the sole remedy of the warranty. This warranty applies only to the original owner and is not transferrable. Claims under this warranty must be made through an authorized Kestrel dealer. Proof of purchase is required, and warranty registration must be completed at <http://www.pgwbike.com> before a claim can be processed. Warranty remedies are subject to depreciation based on age and use of the E-Scooter or product.

Voids and Exclusions

Wear and tear items

Normal wear items such as paint, decals, tires, tubes, grips, and the standing deck pad, etc. are not covered under the warranty policy.

Climatic conditions

Damage due to climatic conditions such as but not limited to rain, submersion in water, sun, excessive heat, and exposure to salt air are not covered under the warranty policy.

Battery Care

Batteries require regular charging for proper function and longevity. Batteries must be stored fully charged and should be re-charged every three months or less to avoid potential damage. Failure to follow these storage and maintenance guidelines will void the warranty.

Improper assembly or follow-up maintenance

Failure to properly assemble, failure to perform regular maintenance, and the installation of parts or accessories not originally intended or compatible with the E-Scooter as sold voids the warranty.

Accident and neglect

Damage or failure due to accident, misuse, or neglect and modification of the deck, fork, or components voids the warranty.

Racing and competition

Damage associated with racing or competition voids the warranty.

Abuse

Use for stunts or lack of the technical skill of the user voids the warranty.

Labor charges

Labor charges for the replacement or changeover of parts are the responsibility of the consumer.

PGW LTD. will not be liable or responsible for any damage, failure, or loss caused by any unauthorized service or use of unauthorized parts or modifications.

Warranty service not provided for scooters purchased from unauthorized resellers.

PGW LTD. may request photo or video evidence of any defect to verify and process a warranty claim.

Liability Limitation Kestrel E-Scooter/PGW LTD. shall not be responsible for incidental or consequential damages, including damages for personal injury, property damage, or economic loss. Some states and countries do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply. Warranty duration and detail may differ by deck type and/or by country. This warranty gives the consumer specific legal rights, and those rights may vary from place to place. This warranty does not affect the statutory rights of the consumer.

CONTACT INFORMATION

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