

Kestrel Watt

E-Scooter User Manual



Road Warrior
SG 10

Road Warrior SG 10

Thank you for choosing this product.
For information, technical support, assistance and for consulting the warranty general terms,
please consult your dealer or visit www.modability.mu or WhatsApp +230 5259 6786.

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1. Safety instructions

IMPORTANT! Please read and follow these instructions carefully before using the product. Save this manual for later or for new users. Ensure you understand the basics to avoid any accidents in the first few months. Contact Modability for appropriate support on how to use the product correctly.

The company is not responsible for any direct or indirect problems that may happen when using the product, not following traffic laws and/or the instructions in this manual, and accidents and issues caused by not following laws and/or regulations.

This product is meant for recreational use and should be used by only one person at a time. It is not made for transporting passengers. Do not attempt to use this product for stunts, competitions/races, carrying objects, towing vehicles, or any attachments.

Use the electric scooter carefully and follow the Highway Code of the country in which it is used to avoid danger and protect yourself and others. Before using the product, check and follow the local regulations concerning the minimum age of the driver.

The A-weighted emission sound pressure level (noise) at the rider's ear is lower than 70 dB(A).

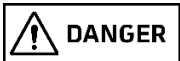
Visual representation of the safety warnings

This manual uses the following symbols to indicate safety messages. They help the reader/user understand how to use the item correctly and safely.



Pay attention

This explains the rules to follow to keep the item safe and to prevent dangerous situations.



Residual risks

This explains the dangers that can cause residual risks, which the user needs to be aware of to avoid injury or damage to property.

General warnings



Keep in mind that when in public or on the road, even if this manual's instructions are followed exactly, the rider is still at risk due to other vehicles, obstacles, or persons. Using the product incorrectly or not following the instructions in this manual can lead to serious injury.

This product is an electric vehicle. The faster you ride, the longer the braking distance. In the event of emergency braking on slippery, muddy, wet, or icy roads, the wheels may spin, and the rider could lose balance. Keep a safe speed and distance from other vehicles and/or pedestrians. Be extra cautious when riding on unfamiliar roads. Do not open the kickstand when using the item, as it could cause serious injury to the rider and damage to the item.



On wet roads, the braking distance increases and the traction decreases compared to dry roads.
Drive more carefully and keep a safe distance.

For personal safety while riding, wear appropriate gear such as a helmet, knee and elbow pads. When letting another rider use the item, ensure they wear the safety gear and show them how to operate the vehicle. To prevent accidents, do not let others use the item if they are unfamiliar with its use. Wear shoes before using this item.

Children should not play with, clean, or repair the scooter or its parts.

When riding, be careful not to frighten children or pedestrians. When driving past them, use your horn to warn them and slow down to at least 6 km/h.



Frequency information:

The frequency hopping data transmission equipment Bluetooth® is operating between the band 2,4000 GHz and 2,4835 GHz. The maximum transmitted radio frequency power is 100mW.

Instructions and warnings on rider behaviour

Conditions	Proper use	Improper use
Riders	One	More than one person, with children or animals
Safety gear	Helmet, knee pads, elbow pads, and a reflective vest.	No safety gear
Pre-riding check	Check the brakes and any wear. Check tyre pressure (see side of tyre for recommended value) Check wheel wear, accelerator, indicators, lights and battery percentage. In case of unusual noises or faults, do not use the vehicle and contact Modability for support.	Never checking the item prior to use Using the item despite unusual noises or faults.
Walking while pushing the item	Not accelerating. Pushing while walking across pedestrian crossings. In pedestrian areas, when not in Eco mode (6 km/h) In overcrowded areas.	Accelerating. Riding the vehicle on pedestrian crossings. Riding the vehicle in pedestrian areas when not in Eco mode (6 km/h). Riding the vehicle in overcrowded areas.
Stationary	The rider must be able to stand with both feet on the ground while holding the handlebars at the correct height.	Inability to keep the vehicle stationary and balanced. Sitting on the vehicle while it is running or stationary.

Conditions	Proper use	Improper use
Riding under normal conditions	No objects hanging from handlebars. Riding with both hands on the handlebars.	Objects hanging from handlebars result in instability and may impede manoeuvring.
	Not using devices such as phones, smartwatches, music players, or headphones.	One hand or no hands on the handlebars. Using devices such as phones, smartwatches, music players, or headphones.
	Riding with both feet on the footrest comfortably and safely.	Riding with one or no feet on the footrest. It is prohibited to place or amass weight on the rear mudguard.
	Riding with safety gear.	Riding without safety gear.
Riding under normal conditions	Riding on easily accessible, smooth and compact roads, avoiding areas with intense traffic or overcrowded areas: e.g. dedicated cycle lanes and/or smooth paved surfaces. Complying with local regulations and the highway code.	Riding on motorways, long-distance roads Riding on busy roads Riding on pavements Riding in overcrowded areas Riding on very rough roads Riding near: ravines, escarpments, harbours, sea, lakes or rivers Failure to comply with regulations and the highway code.
	Looking ahead and watching out for obstacles, vehicles or nearby pedestrians.	Becoming distracted while riding
	Changing direction, ensuring visibility, and moderating speed. Anticipating the route and moderating speed while observing the highway code and those who are most vulnerable. Using direction indicators, if present on the vehicle.	Changing direction abruptly at high speed without making sure that you have been seen. Braking and cornering at the same time make the vehicle unstable Not using direction indicators
	Slowing down when pedestrians are present. Using Eco mode in pedestrian areas (6 km/h). Warning others of your presence by using the bell.	Accelerating or maintaining a constant speed when pedestrians are present Riding without using pedestrian mode in pedestrian areas (6 km/h) Not warning others of your presence by using the bell
Uneven road conditions: speed bumps/steps/rough road surfaces	Riding at moderate speeds. Bend knees slightly for better shock absorption when traversing uneven surfaces.	High-speed riding Accelerating over bumps or ditches, going down steps, jumping over obstacles, climbing pavements, riding harshly.
Behaviour. around bends, down slopes, in the presence of nearby obstacles, vehicles and pedestrians	Keeping at a safe distance Stop accelerating/Brake and slow down Riding at moderate speed and braking safely. Paying attention to doors and other high obstacles	Not observing safety distances Accelerating Riding at high speed, braking suddenly Traversing beneath high obstacles

Conditions	Proper use	Improper use
Visibility conditions	Only ride if there is enough light to ride safely. When riding in unfavourable lighting conditions (from half an hour following sunset, throughout the entire period of darkness and even during the day, if weather conditions preclude road visibility, when driving through tunnels), remember to switch on the item's lights and wear a reflective vest, belts or bands.	Riding in unfavourable lighting conditions with lights off and without using a reflective vest, belts or bands.
Weather conditions	Driving in optimal conditions (no rain)	Driving in adverse conditions: in the rain, in case of snowfall, in case of strong wind and fog.
Parking	In designated areas without impeding movement of vehicles or pedestrians. On smooth surfaces, ensuring stability is maintained Switching off the item and using an antitheft device. Using the kickstand provided	Everywhere, impeding movement of vehicles or pedestrians On uneven surfaces and without ensuring stability Leaving the item switched on, unattended with no anti-theft device
Engaging in extreme sports/acrobatics	NO	YES Riding near: ravines, escarpments, harbours, sea, lakes or rivers Riding through puddles Racing with other vehicles
Subjecting the item to forceful impact	NO	YES jumping over object or persons, jumping off steps or from high places

What to do after a fall:

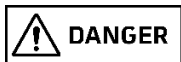
Ensure the accelerator lever operates correctly by accelerating and decelerating several times.

Ensure the brakes function properly by getting off the vehicle, pushing it forward, and then braking to ensure it responds to the control.

Ensure all vehicle components are in the correct position and securely fastened.

Check tyre wear and pressure (see side of tyre for recommended value).

Check the brakes and cables for wear.



The brakes may become hot during use. Do not touch after use.

The vehicle and handlebar must be assembled and installed using the special screws contained in the package.



ONLY use the battery charger supplied to recharge this product, as using another type of charger may damage the vehicle or result in other potential risks.

While it is charging, never leave the product unsupervised and do not switch it on.

After each use, fully recharge the battery to extend its useful life. Do not recharge the vehicle immediately after use.

Allow it to cool for an hour before recharging.

The item should not be charging for extended periods. Overcharging shortens battery life and poses additional potential hazards.

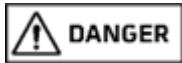
Damage caused by leaving the battery uncharged for an extended period is irreversible and is not covered by the limited warranty. Once the battery is damaged, it cannot be recharged. People who are not trained should not try to dismantle the battery, as this could cause electric shocks, short circuits, or serious safety accidents. If the owner is away, e.g., on holiday, and the device is entrusted to a third party, leave it in a partially charged state (20-50% charge), not fully charged.

Regularly check the charger and its cables for any signs of damage. If the battery charger cable is clearly damaged, do not use it to avoid further damage and/or risks; please contact us for a replacement.

The battery charger can be used by children aged 8 years and above, and by individuals with reduced physical, sensory, or mental abilities, or those lacking experience and knowledge, provided they have been supervised or received instructions on how to use the appliance safely and understand the associated risks. Children should not play with the battery charger or perform cleaning and maintenance operations without adult supervision.

Battery warnings

The battery is made of lithium-ion cells and chemicals that are harmful to health and the environment. Do not use the item if it emits odours, substances or excessive amounts of heat. Do not dispose of the item or the battery with household waste. The end user must properly dispose of electrical and electronic equipment and batteries according to local regulations.



Avoid used, defective and/or non-original batteries of other models or brands.

Do not leave the battery near fire or heat sources to avoid fire and explosion hazards.

Do not open or dismantle the battery. Do not strike, throw, or puncture the battery or attach objects onto it.

Do not touch any substances leaking from the battery, as they are deemed hazardous. Prevent children or pets from touching the battery.

Do not overcharge or short-circuit the battery to avoid fire and explosion hazards.

Do not immerse or expose the battery to water, rain or other liquids. Do not expose the battery to direct sunlight, excessive heat or cold (for example, do not leave the product or battery in a car in direct sunlight for extended periods), or environments containing explosive gases or flames.

Do not carry or store the battery with metal objects such as hairpins, necklaces, etc. Contact between metal objects and the battery may cause a short circuit, resulting in physical injury or death.

2. Quick guide

- Before using the item for the first time, fully charge it (100%).
- Check tyre pressure (see side of tyre for recommended value). If the item does not reach at least 60% of the declared kms, or the maximum speed within the first 3 months of use, it is likely that the wheels have deflated once more. In this case, restore pressure as indicated.
- Check and adjust the brakes.
- Turn on the display.
- Place the item on a flat surface.
- Hold the handlebar firmly using both hands. Step onto the footrest with one foot and use the other to give yourself a gentle push and accelerate.



Zero Start Function: the accelerator is activated once the forward speed exceeds 3 km/h.

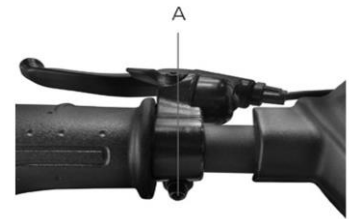
For safety reasons, the product is initially configured to avoid standing starts.

- When riding the vehicle, tilt body in the riding direction during a turn and slowly turn the handlebars.
- To stop the vehicle, release the accelerator and pull the brake lever.
- To get off, first stop the vehicle completely. Getting off the vehicle while moving can cause injury.
- Prior to each use, check brakes and any wear, check tyre pressure (see side of tyre for recommended value), wheel wear, accelerator and charge status of battery.

Brake lever adjustment

Brake levers

Refer to point A (see photo) to adjust the position of the brake lever, if necessary.

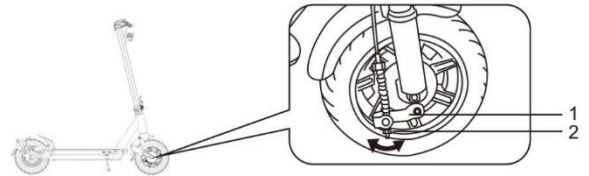


Brake adjustment

Adjusting the brake calliper

If you need to adjust the brake, lift the bracket (1) as shown in the diagram below, then rotate the nut (2) in either direction. Turning the nut clockwise will loosen the brake, and counter-clockwise will tighten the brake.

Check the correct alignment between the brake caliper and the disc. Use screws to adjust the position / alignment on the disc, if necessary.



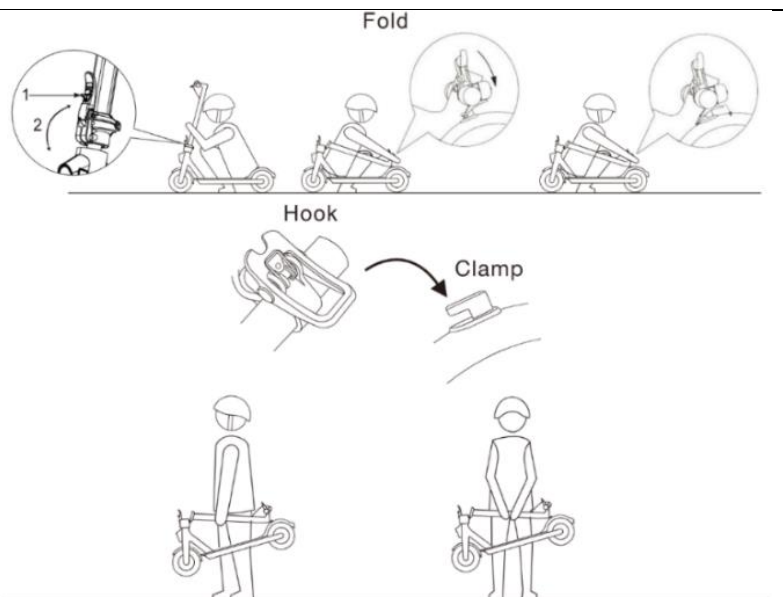
3. Folding and carrying

Ensure the electric scooter is turned off. Hold the handlebar stem with your hand, pull the lever, and fold the stem towards the footrest and secure it.

Closing: Switch off the electric scooter, unlock the closing mechanism: press the hook and pull the lever outwards (see picture), move the handlebar stem inwards and make sure it is locked.

Opening: Unlock the handlebar stem from the mudguard or chassis: press the clip to release the handlebar, lift the handlebar stem all the way and lock it in place by pushing the lever inwards. Switch on the electric scooter.

Always carry the scooter with one or both hands holding the handlebar stem.





Make sure to secure the vehicle during transportation. If it cannot be lifted, do not transport the vehicle unfolded. If dropped, the item may cause severe injury and damage.

4. Range and performance

The maximum range and performance of the vehicle depend on several factors:

Terrain: riding on smooth roads provides greater range and performance than riding on rough roads and climbs.

Weight of user: the greater the weight, the lower the range and performance of the vehicle.

Temperature: riding the scooter in very cold or hot conditions affects range and performance.

Speed and riding style: riding smoothly and at a constant speed extends the autonomy. Continuous acceleration, deceleration and manoeuvring greatly reduce the range. A lower speed extends the range.

Maintenance: prompt recharging, proper maintenance and regular checking of tyre pressure increase range and ensure consistent performance over time.

The level of battery charge affects performance - the lower the level, the lower the speed, especially on climbs.

5. Storage, maintenance and cleaning

If there are stains on the body of the scooter, wipe with a damp cloth. If the stains persist, apply neutral soap and brush it with a toothbrush, then wipe with a damp cloth. If there are scratches on the plastic components, use sandpaper or other abrasive material to fix them. Do not clean the items with alcohol, petrol, paraffin or other corrosive or volatile chemical solvents to prevent severe damage. Do not wash the vehicle using high-pressure water jets. When cleaning the scooter, make sure that it is turned off, that the charging cable is disconnected, and that the rubber cap is closed, since a water leak can cause an electric shock or other serious accidents. Water getting into the battery may cause damage to internal circuits and create a risk of fire or explosion. If you suspect that water has entered the battery, stop using the battery immediately and return it to your dealer's after-sales service for checking.

When not in use, store the vehicle indoors in a cool, dry place. Do not store it outdoors or inside cars for extended periods. Excessive sunlight, overheating, and excessive cold speed up tyre wear and compromise the life of both the vehicle and the battery. Do not expose it to rain or water, or immerse it in water to wash it.

Regularly check the tightness of the bolted parts, particularly the wheel axles, the folding and transportation system, the steering system, the braking system, the state of the frame, the forks, and the suspension. Nuts and all other self-locking fasteners may lose their effectiveness. Periodically check and tighten these components.

Like all mechanical components, the product is subject to wear and tear. Different materials and components may react to wear or stress fatigue in various ways. If the service life of a component is exceeded, it may break suddenly, resulting in injury to the rider. Any cracks, scratches, or changes in colour in areas subject to high levels of stress indicate that the component's life has been reached and must be replaced.

Check the condition of the tyres: there must be no cuts, cracks, foreign bodies, abnormal swelling, missing parts or other damage. For tyre pressure, refer to the value indicated on the side of the tyre or on the product sheet.

Do not attempt to disassemble or repair the scooter yourself. Replacement of all scooter components should be carried out by the technical service department. For further information, contact Modability through WhatsApp on +230 5259 6786 or on the website www.modability.mu

6. Moda Smart App

This product can be combined with the Moda Smart app. The app allows you to control the product directly from your smartphone.

Scan the QR CODE to download and install the app. If the app is not found, search for 'Tuya' on Google Play Store or App Store.



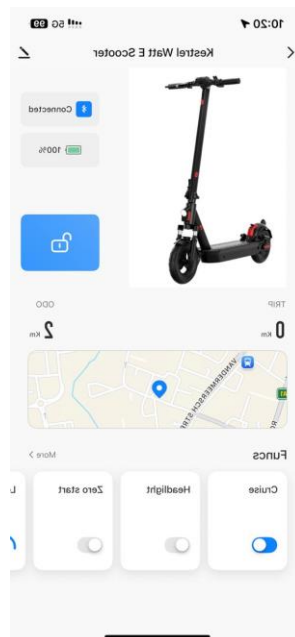
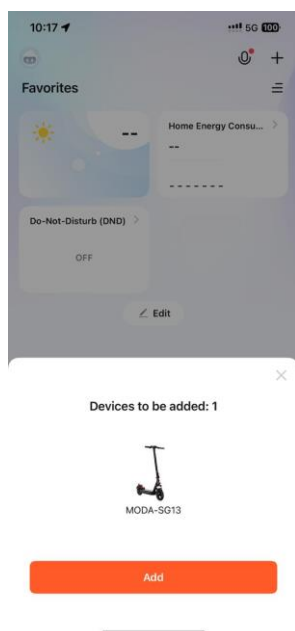
Open the app and follow the instructions on your reference app service.



The app may require several authorisations necessary for its use and functionality.

We recommend that you regularly check for app updates to access new features and always install the latest app release on your device.

Do not use your device while driving.



7. Troubleshooting

Error	Cause	Solution
The motor is not running	Electrical issue, error code present	Request technical assistance
The drive wheel does not turn	Problems with brakes Motor is blocked	Adjust the brakes; if the problem persists, request technical assistance Check that the wheel is properly tightened, check that the wheel turns without starting the vehicle. If the problem persists, request technical assistance
The motor stops while it is running	Motor overheating Presence of error code	Stop the vehicle and wait for it to cool Request technical assistance
After charging, the item does not switch on or it switches off after a few km	Damaged battery	Request technical assistance
The battery does not charge or the item does not switch on	Connection problems The battery is not connected (models with removable battery) The battery is depleted Damaged battery Problems with the battery charger	Request technical assistance Check that the power connector is connected. Charge the battery to 100% Request technical assistance Replace the battery charger

SG 5, SG 5 PRO, SG 10, SG 13	
Error code	Indications
E0	Communication Fault
E2	Throttle Fault
E3	Brake Fault
E4	MOS Fault (<i>Switch inside controller</i>) / Overcurrent Protection Controller
E5	Motor Hall Wire Fault / Motor Hall Failure (<i>Hall Sensor Fault Inside Motor</i>)
E6	Locked Rotor Protection / Motor Stuck / Stalling Protection
E7	Battery Under Voltage Protection
E8	Battery Over Voltage Protection



Treatment of the electrical or electronic device at the end of its service life.



This symbol on the product or packaging indicates that the product should not be considered as normal household waste but should be taken to a facility authorised to dispose of waste from electrical and electronic equipment and export (WEEE).

By ensuring the item is disposed of correctly, you will help prevent potential negative consequences for the environment and human health that may otherwise be caused by improper disposal. Recycling materials will help to conserve natural resources.

For more detailed information about the recycling and disposal of this item, please contact your local waste disposal service or the point of sale where you purchased it.

In any case, disposal must be carried out in accordance with the legislation in force in the country of purchase. More specifically, consumers must not dispose of WEEE as municipal waste; instead, they must dispose of

this type of waste separately by taking it to municipal collection centres or recycling facilities, either directly or through the collection services of municipal companies, where these are available.

8. Liability and general terms of warranty

The rider assumes all liability for any injury when not wearing a helmet or other protective devices.

The rider must respect current local regulations regarding:

1. the minimum age allowed for the rider,
2. restrictions on the types of riders who can use the product
3. all other regulatory aspects

The rider must always keep the product clean and in a perfect state of efficiency and maintenance, diligently perform the safety checks he/she is responsible for as described in the previous section, not tamper with the product in any way and keep all the maintenance documents.

The company shall not be liable for any damages caused and is in no way responsible for damages caused to property or persons when:

- the item is used incorrectly or in a manner that does not comply with the instructions of the user guide;
- after the purchase, the item is modified or tampered with in all or some of its components.

In the event of item malfunction due to causes not attributable to inappropriate rider behaviour or a consultation of the general terms of the warranty, contact Modability or visit the website www.modability.mu or WhatsApp +230 5259 6786.

The Legal Guarantee never covers any Product faults or malfunctions caused by accidental events and/or events attributable to the Purchaser, or due to use of the Product in non-compliance with its intended use and/or with the provisions of the technical documentation attached to the Product, or due to failure to regulate mechanical parts, the natural wear of consumable materials, or due to assembly errors, lack of maintenance and/or use of said product in non-compliance with the instructions.

For example, the following are to be considered excluded from the statutory guarantee regarding the products:

- damage caused by impacts, accidental falls or collisions, punctures;
- damage caused by use, exposure or storage in an unsuitable environment (e.g. presence of rain and/or mud, exposure to humidity or excessive heat, contact with sand or other substances)
- caused by failure to adjust for road use and/or maintenance of mechanical parts, mechanical disc brakes, handlebars, tyres, etc.; incorrect installation and/or assembly of parts and/or components
- the natural wear and tear of consumable materials: mechanical disc brake (e.g. pads, callipers, disc, cables), tyres, platforms, gaskets, bearings, led lights and bulbs, kickstand, knobs, mudguards, rubber parts (platform), wiring cable connectors, grilles and stickers, etc.;
- improper maintenance and/or improper use of the product battery;
- tampering with and/or forcing parts of the product;
- incorrect or inadequate maintenance or alteration of the Product;
- improper use of the product (e.g., excess load, use in competitions and/or for commercial or rental activities);
- maintenance, repairs and/or technical interventions on the product carried out by unauthorised third parties;
- damage to the products resulting from transport, if carried out by the purchaser;
- damage and/or defects resulting from the use of non-original parts.

Please refer to the latest version of the warranty terms available at www.modability.mu or WhatsApp +230 5259 6786.

9. Key Information

Other Important Notes

- Do not accelerate when going downhill.

- Do not press the accelerator when walking with the scooter.
- Do not ride in water that is higher than 1.5 cm. The scooter is not waterproof.
- It is strictly prohibited to keep the battery on charge overnight. Disconnect the charger as soon as the light indicator becomes green.
- Do not keep your feet on the rear fender.
- Do not try riding up or down stairs or jumping over obstacles.
- Pregnant women and users younger than 14 years old are not allowed to ride this type of vehicle.
- Keep both hands on the handle when riding.

Other Important Riding Notes

Understand that risks cannot be entirely avoided, as others may violate traffic regulations and drive incautiously. You are exposed to road accidents like those when you are walking or cycling. The faster the scooter, the longer it takes to come to a stop. On smooth surfaces, the scooter may slip, lose balance, and result in a fall. Exert caution, maintain proper speed and distance, especially in unfamiliar areas.

Respect pedestrians' right of way. Do not startle them while driving, especially children. When approaching pedestrians from behind, ring your bell to alert them and slow down to pass on their right (applicable to countries where vehicles drive on the left, such as Mauritius). When crossing pedestrian areas, keep to the right and maintain a low speed, or dismount if necessary.

Check the scooter before each use. If you notice loose parts, low battery alerts, excessive wear, strange sounds, malfunctions, or other abnormal conditions, stop riding.

Protect Your Motor – Avoid Damage

Your scooter's motor is powerful but not indestructible. Misuse can quickly damage it and lead to costly repairs.

The main threats to your motor	
Overloading	Strictly prohibited to carry passengers - single person use only Designed for a maximum rider/load weight. Exceeding this makes the motor pull too many amps → overheating and coil damage.
Climbing Beyond the Limit	Models Kestrel Watt SG5 & SG10 are rated for max 15° climbs. Steeper slopes = extreme stress, overheating, and error codes (like e5, e6, e4 or others).
Continuous Full Acceleration/Throttle	Hard acceleration under heavy load or on hills keeps the motor at peak current too long. This burns out windings, weakens magnets, and reduces efficiency.
Water & Mud Exposure	The motor is splash-proof, not waterproof (refer to ip xx resistance) Riding in rain, puddles, or mud can let water in → short circuits, rust, and failure.
Impacts & Shocks	Hitting curbs, potholes, or accidents can crack the casing or misalign the rotor.
Tampering with Electronics	Modifying speed limits or the controller forces an unsafe current into the motor. Result: instant damage, not covered by warranty.
Dirt & Poor Maintenance	Dust and grit around seals and bearings increase friction. Leads to extra heat and premature wear.

Warranty Disclaimer

Please read carefully:

- Motor or battery failure caused by overloading, exceeding climbing angle, misuse, water ingress (Beyond IPXX Resistance), improper charging, tampering, or poor maintenance is classified as misuse.
- Such misuse will result in immediate warranty void.
- Battery Health Recommendation - Charge for 3 hours with the original charger only after using 50% battery capacity.
- Natural wear of the battery (capacity reduction after ~275 – 500 cycles) is expected and not covered by warranty.
- Modability reserves the right to refuse free repairs if damage is linked to customer misuse.

Important Reminder to Riders

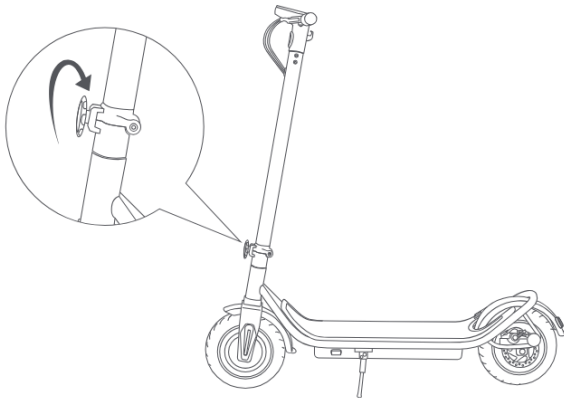
Your e-scooter is designed for urban mobility, not extreme use. By following these simple care rules, you protect your motor, battery, and your investment. Misuse not only reduces performance but can also void your warranty protection.

10. Package Content

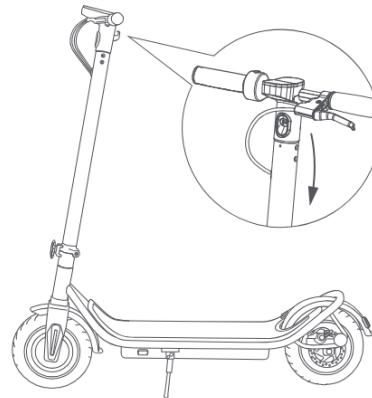
1. Allen Keys
2. Screws for Handlebars
3. Inflator Adaptor [check model]
4. Battery Charger

11. Assembly

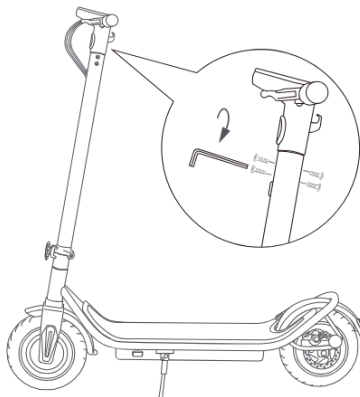
1) Slot the handlebars into the stem, then raise vertically. Secure in place by moving the locking lever into the upright position.



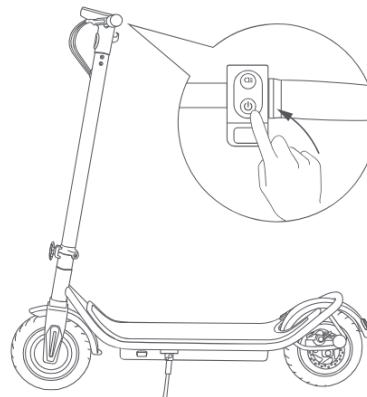
2) Ensure the handlebar and stem are fully upright



3) Use the Allen key provided to tighten the screws, locking the handlebars securely into place.



4) Test the power switch.



Method

- Take the item out of the packaging
- Open the kickstand and check that the item is stable
- Open the handlebar stem and secure it by closing the lever of the closing mechanism

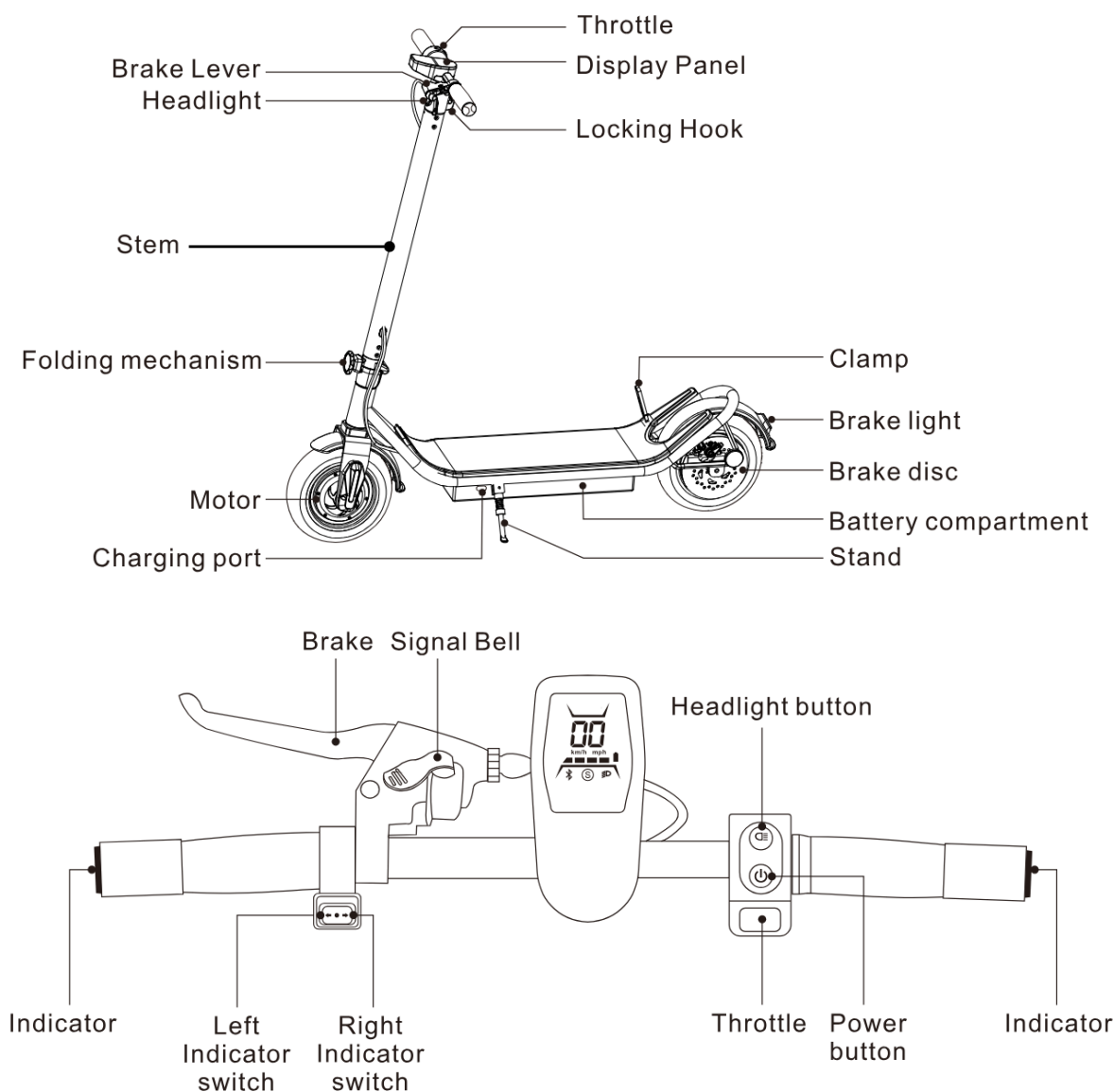
- Connect the display power cable to the main wiring (if necessary)
- Connect the front light to the 2-pin cable coming from the display (if necessary)
- Install the handlebar on the stem (do not crush the cables)
- Tighten the screws on the stem using the wrench supplied
- Adjust the column closing mechanism
- Check the tyre pressure (see the side of the tyre for the recommended value).



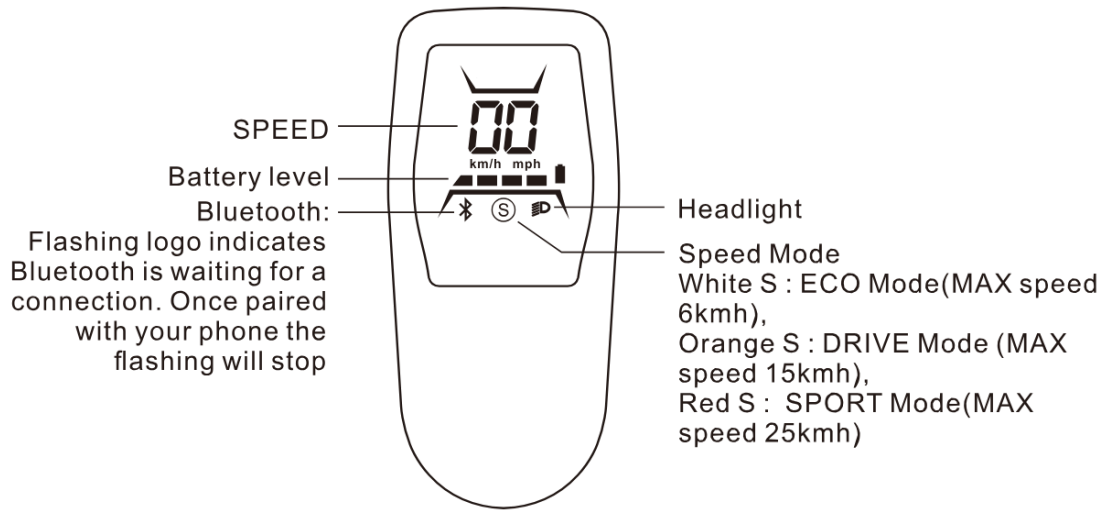
Assemble the item correctly. If, during assembly, any factory defects are detected, certain steps are unclear or issues with assembly or adjustments occur, do not ride the vehicle and contact your dealer or visit www.modability.mu for technical support.

Keep children away from plastic items (including packaging materials) and small parts that may result in suffocation.

12. Product Overview



13. Command Information/Control Panel



14. Battery Charging



Prior to using the item for the first time, charge to 100%. Make sure that the item, the battery charger and the charging port are dry.

Instructions:

- Open the kickstand
- Switch off the item



Charge the device before the first use. We also recommend charging it after each use and before storing it. The red light on the charger will turn green when charging is complete.

Reference picture	Instructions
	<ol style="list-style-type: none"> 1. Remove the rubber cover from the charging socket. 2. Connect the battery charger to the electrical outlet and then to the charging socket. When the item is fully charged, the light on the charger changes from red (charging) to green (charging complete). 3. After charging, disconnect the battery charger from the vehicle and reinsert the rubber cover. Unplug the battery charger from the electrical outlet. <p>Do not switch the scooter on while it is charging.</p> <div> </div> <p>The red light on the charger will turn green when charging is complete.</p>

15. Product Specifications

Index	Details	Parameters
App / Smart Features	Moda Smart App	Smart App
Motor Specifications	Motor Watt	450 Watt
	MOTOR TYPE	Brushless DC
	Motor Location / Motor Configuration	Front Hub
Performance	Maximum Speed	25 km/h (limited)*
	Riding Modes / Speed Levels	Eco, Drive, Sport
	Maximum Incline / Climbing Angle	15%**
	Suspension Type	No
Battery Specifications	Battery Autonomy	35-40 Km**
	Battery Type	Fixed
	Battery Specification	36V 12.5Ah
	Battery BMS (Intelligent Battery Management)	BMS Included
	Battery Type - Lithium-ion	Lithium-ion
	Battery Charging Duration	4-5 Hours
	Battery Charger Specification	42V2A
Dimensions & Weight	Net Weight	20 Kg
	Maximum Load Capacity	100 Kg
	Unfolded Dimensions (L × W × H)	120 x 48 x 122 cm
	Folded Dimensions (L × W × H)	120 x 48 x 54 cm
Safety & Protection	IP Rating - Water Resistance	IP54 Splash Proof
	Integrated Turn Signals / Indicators	No
	Brake Type	Front E-ABS, Rear Disc Brake
Tyres & Wheels	Tyre Type	Tubeless Pneumatic
	Tyre Size	85/65-6.5
	Wheel Diameter	10"
	Tyre Pressure (PSI)	30 PSI

* Always respect the highway code and the regulations in force in the country where the electric scooter is used.

** Subject to variations based on the rider's weight, on the road conditions and on the temperature.