



User manual

SEL-10810FD



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Before operating this vehicle, read all the instructions for safe assembly and operations. User's manual can guide you through the functions and usage of Electric scooter. Before using this Electric scooter, familiarize yourself with how to operate, so that you can keep the Electric scooter in the best condition possible.

This appliance can be used by children aged from 14 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

April/2022

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1 Product and Accessories

Important!

This electric scooter must be charged and stored in a safe way.

For safety reason and protect battery life, never charge the electric scooter in temperatures below 5 °C or above 45 °C. Equally, always disconnect the electric scooter with the power cable once fully charged. Always use the supplied power adapter to charge the electric scooter.

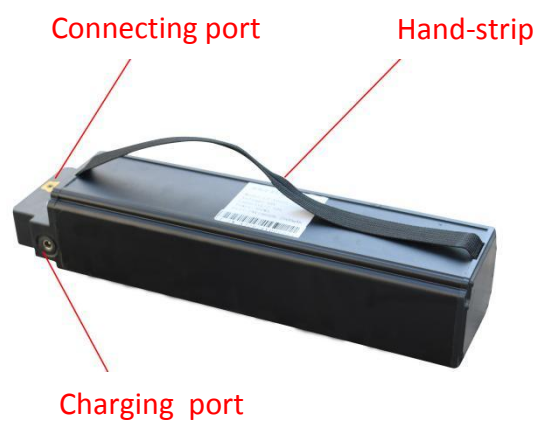
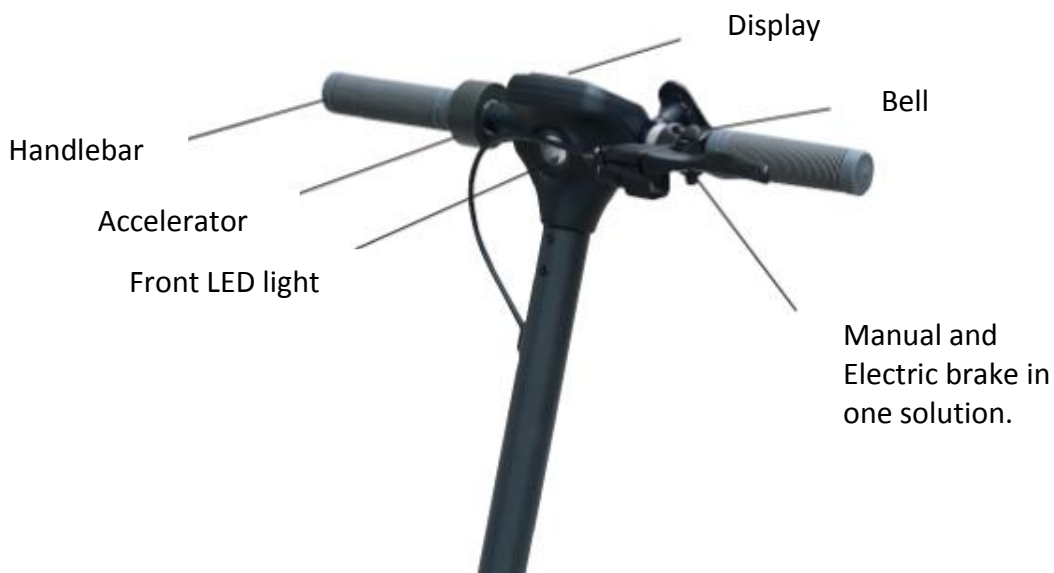
Make sure that all screws are properly tightened to avoid unsafe situations.

WARNING

- Please make sure to check that the steering system is correctly adjusted and that all connection components are firmly secured and not broken before riding, refer to handlebar assembly and safety instruction.
- Please read operation guide and warnings of correct techniques for use and braking
- Always wear shoes.
- When self-locking nuts and other self-locking fixings may lose their effectiveness.
- All parts and materials of electric scooter cannot be changed, modifications are not allowed.
- Please take care not to lose the keys. The keys are unique for each scooter. If they are lost the lock has to be changed.





1.1 Product and Accessories





IMPORTANT NOTICE !

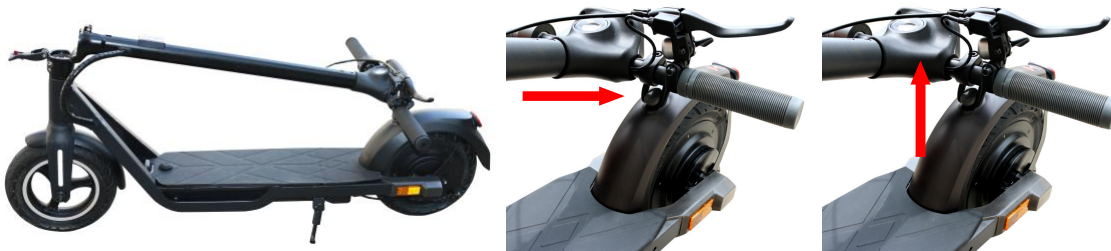
Always remember to disconnect the plug before taking out the battery of the compartment.
 During insertion of the battery always remember to connect the plug after insertion.

 <p>Charger</p>	 <p>Screw for handlebar attachment x 4</p>	 <p>Key for battery compartment x 2</p>	 <p>Allen key x 1</p>
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2 Unfolding and folding the scooter

Unfolding the scooter

- 1) Place the electric scooter on its wheels like below. Unlock the hook on the handlebar.



- 2) Pull up the handle in a gentle way. Raise the handle slowly.
Close the lock lever located on the lower part of the handlebar support tube.
- 3) The electric scooter is unfolded as soon as you hear the rod clicks into place.



Folding the scooter

1. Release the release lever located on the lower part of the support tube of the handlebars.
2. Fully open the release lever.
3. Open the scooter by accompanying the handlebar tube downwards.
4. Hook the folded tube onto the appropriate support.



3 Assembling the device

Before using the scooter it is necessary to install the handlebar on the frame main vehicle.

1). Insert the handlebar into the vehicle frame.



2). After matching the holes in the handlebar with those of the frame, insert the screws and tighten them well; repeat the operation also in the side opposite of the handlebar inserting a total of 4 screws.



4 Charging the scooter

4.1 Charge the scooter directly

Connect the supplied power adapter to the charging port of the electric scooter.



4.2 Charge the detachable battery separately

1. Use the supplied key to unlock the lid of battery compartment and then open the lid.
2. Unplug the wire inside the battery compartment which is connecting the battery pack with scooter body.



3. Hold the hand-strip on battery pack and take it out.
4. Connect the supplied power adapter to the charging port of the detachable battery.



5 Intended Use

The Electric scooter is neither a means of transport nor sports equipment, but a device for personal entertainment. The Electric scooter for domestic use only and only by a person aged at least 14 with a maximum weight of 120 kg. The other parameters for the permissible operation of the Electric scooter are defined in the section (“10. List of parameters”). Importantly, the Electric scooter may only be operated in good visibility conditions and only if the physical conditions for stability on the Electric scooter are met (for example, not on one leg/not under the influence of drugs or alcohol). When operating the electric scooter, the operator must wear personal protective equipment specified in the section (“13. Warnings” > 13.2 Preparation”).

6 Safety Instruction

We recommend always wearing helmet and protective gear like elbow, knee and wrist protectors to ensure your personal safety.



Also make sure you have read the user manual carefully, to ensure you know how to ride it in a safe and fun way.

The Electric scooter is for domestic use only.

It is your responsibility to be aware of and comply with all regulations. If there are no regulations for this Electric scooter in your country, please take care of your own safety and the safety of others.

Also pay attention to other people. Always ride safely and only at a speed that allows you to brake safely at any time. A common thing for such products is that there is a risk that you may fall off the product and injure yourself. Always ride as safely as possible.

If lending the electric scooter to friends and family, please make sure they use proper protective gear and know how to ride it.

Before riding the electric scooter, please check that all parts are working as supposed to. If any loose parts, abnormal noise, reduced battery life etc. are detected, please contact your retailer for product service and warranty. Do not repair the electric scooter yourself.

Inspect the rear tire and rear brake according to Section 7 of the maintenance specification in this operating instructions. The electric scooter may become unstable if the rear brake is deformed or loose.

Avoid stepping on the rear fender. This may cause the fender to loosen or damage the fender.

As a result, the brake pad constantly touches the wheel and the motor temperature increases due to the additional resistance. The rear tire can also get loose if the brake is in constant braking position.

Avoid constant braking. As a result, the tires will not only wear off, but also become hot. This will soften the rubber and it will no longer have the same grip on the road as usual. Do not touch the tire after braking.

If you hear unusual noises or notice friction when switching on the electric scooter, a bearing may be damaged. A worn bearing may even be indicated by strong vibration of the handlebar. In this case, please contact your retailer since the bearing needs to be replaced and/or the handlebar checked and adjusted.

Ride the electric scooter only on a dry surface since otherwise the riding safety and braking performance may be impaired and the motor or bearings may be damaged.

Please do not ride up or down long and steep slopes.

Stop riding when battery is low. The electric scooter then moves only slowly and does not have the same traction as normal. In this case, please use the handbrake rear brake to stop the electric scooter. Get off the Electric scooter as soon as the speed allows to do that safely.

Do not use the electric brake and the throttle at the same time.

A normally working Electric scooter operates safely and quietly. If you hear noises or notice bumpy operation, please check wheels, bearings, and brakes. Contact your customer service for repair and maintenance, if necessary.

7 Maintenance

To ensure you get the best possible performance and experience from your electric scooter, it is important to do regular maintenance for important parts of the product.

- Battery maintenance
- Bearings, Screws, Brakes and Wheels
- Storage and Cleaning

Your electric scooter will require some maintenance so please read and familiarize yourself with this guide.

- Battery maintenance

All batteries have a life cycle, and performance will decrease over time, however here are some advice to maximize the life span of the battery.

Make sure that the battery is charged at regular intervals, even if you do not use the electric scooter for a long time. This is to prevent damage to the battery, caused by low voltage over an extended period.

Avoid draining the battery completely. It is best to charge while there is still power on it. This will extend battery life. If the battery is constantly depleted, it will damage the battery (damaged battery caused by wrong handling are not covered by the warranty).

If riding the electric scooter in cold or very hot areas, the battery time can be lower than when riding in temperatures from 15-25° Celsius. This is not a failure on the batteries, but normal behavior.

Please notice: Even a fully charged battery will run out of power if the electric scooter is not used for a period. Expect a fully charged battery to keep power between 90 and 120 days in off mode, before it is fully discharged. If only partially charged, this period is lower.

Please make sure the battery does not get above 50° Celsius, or below minus 10° Celsius for a longer period. (e.g. don't leave the electric scooter in a hot car in summer, do not put battery into fire etc.) Low temperature (e.g. subzero temperature) can damage the battery cells.

Keep the Electric scooter away from open flame or other sources of heat to prevent the battery from getting too hot. Also make sure not to leave the electric scooter at freezing temperatures. Both heat and excessive cold can cause the battery to discharge.

Only use original charger or an official replacement, as different batteries may require specific charger, and if using other chargers, this could cause damage to the product.

Do not overcharge and discharge the battery.

Please make sure to charge the battery before it is completely out of power, to avoid damaging the battery cells. (damaged battery caused by wrong handling are not covered by the warranty)

It is forbidden to disassemble battery package. This is only to be handled by official service repair centers and professionals.

- Bearings, Screws, brakes and Wheels

Your electric scooter is made up of moving parts, which in time, will be susceptible to wear and tear.

Bearings and screws:

The electric scooter has sealed and dust proof bearings so that no lubrication is required. Check the bearings for wear at regular intervals to avoid unsafe riding. Do not jump on and off and do not apply excessive force otherwise to avoid damage to the bearings. This is not a sports electric scooter.

Make sure that all screws are properly tightened to avoid unsafe situations.

Please check the screws regularly and tighten if they seem loose.

Brakes:

Check the brake for wear at regular intervals to avoid unsafe riding. Do not apply excessive force to avoid damage to the brake.

Electric scooter with drum brake like this model will require adjustment over time and in the end will need to be repaired or replaced when worn down. Avoid using electric scooter when brakes are worn down.

Wheels:

Check the wheels for wear at regular intervals to avoid unsafe riding.

⚠ WARNING

- Please make sure to check that the steering system is correctly adjusted and that all connection components are firmly secured and not broken before riding, refer to handle assembly and safety instruction.
- Please read operation guide and warnings of correct techniques for use and braking
- Always wear shoes.
- We highly recommend to always wear helmet/pads for your own protection.
- Self-locking nuts and other self- locking fixings may lose their effectiveness.
- All parts and materials of electric scooter cannot be changed, modifications of the scooter are not allowed. If done, then warranty is void.

● Storage and cleaning

If your Electric scooter gets dirty, please clean it with a damp cloth only, you may not use pressured water-gun or running water, as this could damage vital parts. It is also possible to use a little toothpaste if the dirt is stuck. Remember to clean with damp cloth after this.

Please make sure to keep the electric scooter turned off while cleaning it, and make sure to cover the charging input to avoid problems with the electronics.

Make sure to dry the scooter with a towel, should it become wet.

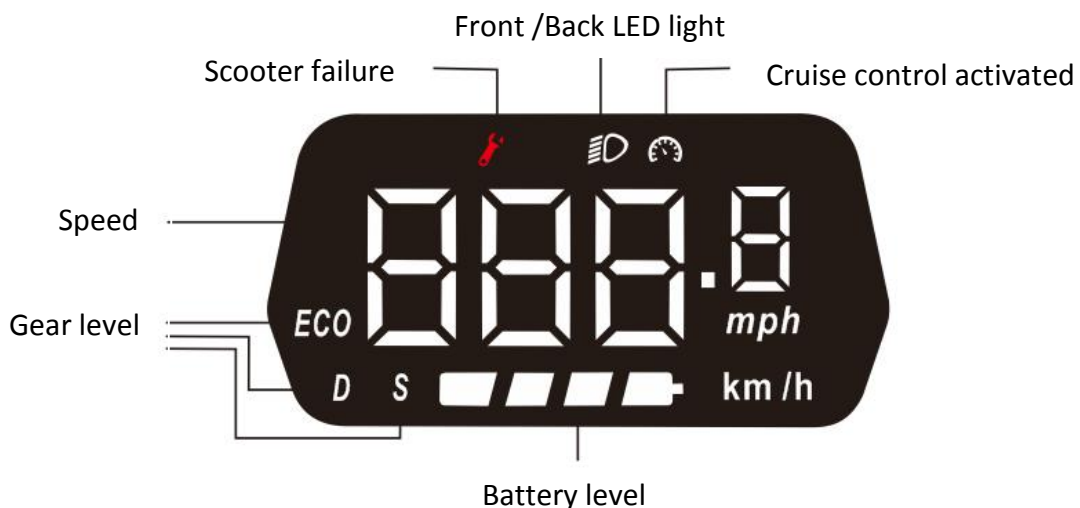
Please notice: Do not use alcohol, gas, kerosene or other corrosive and volatile chemical solvents. This can damage both the appearance and the internal structure of the electric scooter.

Please store your Electric scooter in a dry and cool environment when not in use. Avoid leaving it outdoors, as it is not made for storing in wet areas. Nor is it good to expose to high temperatures caused by direct sun for a long time.

8 Operational control

For better operation, please read the instructions carefully.

8.1 Control and display



8.2 Button and speed transfer

Only power buttons in the display, press "Power" button with 2~3 s, the scooter power on!

Press "power" could be achieved speed with 3 gear, ECO: 6KM/H, D: 15KM/H, S: 25KM/H



You have to manually move the Electric scooter with your foot before the accelerator button works.

9 Electric scooter riding

1. Press "Power" button to adjust speed level.
2. You have to manually move the Electric scooter with your foot before the accelerator handle are working. Press the accelerator button to accelerate, so you can drive.
3. Press the Electric brake or drum brake to brake.
4. When you press the accelerator and electric brake button at the same time, the Electric scooter will automatically brake.
5. If you hold Accelerator steady for around 8 seconds then Cruise control is activated and the scooter will drive with this speed. You can deactivate cruise control by pressing either accelerator or the brake lightly.
6. When driving at night, double press the power button to turn on the headlight and rear light.
7. If scooter display show MPH then press Power button 3 times to change to to km/h.

9.1 Front and Back LED Light

This Electric scooter is equipped with the front and back LED lights.

Pedestrian mode: 6KM/H, when in ECO mode, front&rear LED flashing. if hold the brake, front LED keep flashing, rear LED will be steady on with strong light.

D& S grade: If hold the brake in D&S mode, rear LED will be steady on with strong light. If press the power button twice to turn on /off the front & rear LED light on.




10 List of parameters

Parameter		Range
Size	Folding size(mm)	1080*480*510
	Unfolded Size(mm)	1080*480*1180
Quality	Max Vehicle Payload (kg)	120
	Weight (kg)	17.5
Ride Condition	Age (Year)	14+
Electric scooter	Max. speed (horizontal riding) (km/h)	25
	Distance up to (km)	30
	Terrain	Level and dry surface
Battery Type: Li-ion battery	Nominal voltage (V)	48
	Battery capacity (mAH)	7500
Motor	Motor Power (W)	450
Power adapter	Rated input voltage (V)	100-240
	Rated output voltage (V)	54.6
	Rated current (A)	2
	Charging Time(h)	4

Electric scooter

Model: **SEL-10810FD**

Input: 100-240V~, 50/60Hz, 2.0 A

Output: 54.6V  2A

Max Speed: 25 km/h

Weight: **17.5kg**

Year Of manufacture: **2022**

Max Vehicle Payload: 120kg

Battery: 48V/7.5Ah

Power Consumption: ≤ 450W

Always charge the electric scooter with the supplied power adapter: SPC-120WW-546020

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11 Electric scooter safe parking

Once you have stopped the Electric scooter, get off it and press the side stand down with your right foot to support the Electric scooter. The side stand is located on the left-hand side of the Electric scooter below the foot board.

Before you ride again, push the side stand back up so that it is parallel to the foot board.

12 Safe transportation

Pack the Electric scooter flat, don't drop the Electric scooter during the transportation, don't put the Electric scooter near fire or explosive materials.

13 Warnings

13.1 Risks of riding

WARNING

First, learn safe riding before you ride the Electric scooter fast.

- Failure to observe, loss of control, falls, and violations of the rules can cause injuries.
- Speed and range depend on the rider's weight, terrain, temperature, and riding style.
- Wear a helmet and protective clothing when riding the Electric scooter.
- Read the operating instructions carefully before riding the Electric scooter.
- For use only in a dry environment.
- The Electric scooter may not be used on public roads.
- Make sure that this product complies with local regulations.
- For domestic use only

13.2 Preparation

- First, charge the battery completely.
- Make sure to wear helmet and protective clothing before using the electric scooter
- Do not wear loose clothing or open laces that can get caught in the Electric scooter wheels.

13.3 Weight restriction

Reason for the weight restriction:

- Ensuring the rider's safety;
- Avoiding damage due to overload.

Maximum Vehicle Payload: 120kg.

WARNING

Do not try to make a turn too fast.

WARNING

Lithium battery inside.

WARNING

If the Electric scooter switches off, the system will block the vehicle automatically.

It can be released again by pressing On/Off.

- Use the device only at temperatures between 0 °C and +45 °C.

13.4 Range per charge

The range depends on several factors:

- Topography: On level paths you have a greater range than on uneven ground.
- Weight: The range depends on the rider's weight.
- Temperature: Extreme temperatures reduce the range.
- Maintenance: If the Electric scooter is charged properly and the battery is kept in good condition, the range will be extended.
- Speed and riding style: The range is greater at constant speed than at frequent stops and starts, acceleration and braking.

13.5 Safe riding

This chapter focuses on safety, experience, and warnings. Before operating the vehicle, please read all installation and operating instructions carefully.

WARNING

Familiarize yourself with the vehicle before you use it so that you can keep the Electric scooter in sound condition.

- Observe all safety instructions when riding the Electric scooter.
- The Electric scooter is designed only for personal entertainment. Avoid operating it on public roads/in road traffic.
- Children, elderly people, and pregnant women are not allowed to ride the vehicle.
- People with limited sense of balance are not allowed to ride the Electric scooter.
- Avoid riding the Electric scooter under the influence of alcohol or other substances.
- Do not carry any objects while riding.
- Make sure you have a clear vision in front of you to ride the Electric scooter safely.
- While riding, your feet must always be on the foot board.

- The Electric scooter can accommodate only one person.
- Do not start or stop abruptly.
- Avoid riding on steep slopes.
- Stop riding the Electric scooter if you hit a solid object (such as a wall or other structure) with it.
- Do not ride in dimly lit or dark places.
- Ride the Electric scooter at your own risk, we assume no liability for accidents or damage.
- Ride at a safe speed that allows you to stop at any time.
- Keep the Electric scooter at a sufficient distance from other people and avoid collisions.
- Steer through balance shifting, fast movement can result in falls.
- Do not ride in rain or under other wet conditions. Ride only in dry weather.
- Avoid riding over obstacles, if possible, and avoid snow, ice, and slippery surfaces.
- Avoid riding over textiles, small branches, and stones, if possible.
- Avoid riding in narrow places or in places with obstacles, if possible.
- Jumping on and off the Electric scooter will cause damage that is not covered by the warranty. There is a risk of injury. Injuries and damage due to "trick riding" are not covered by the warranty.

13.6 Charging

- Make sure that the Electric scooter, charger, and DC power input of the device are always dry.
- Note: To charge this Electric scooter, only use the supplied SPC-120WW-546020 charger with the following output: 54.6 V -2 A.
- Using a different charger may cause damage to the device and other potential risks.
- Use the mains adapter to plug the DC input of the device into a conventional socket.
- The charging process takes up to 4 hours. Do not charge the battery for more than 4.5 hours. After 4 hours, disconnect the charger from the device and the power supply. Overcharge reduces the battery service life.
- The product must not be charged over extended periods.
- Always keep an eye on the device throughout the charging cycle.
- Charge the device only at temperatures between 0 °C and +45 °C.
- When charging at lower or higher temperatures, there is a risk that the battery performance will be reduced. Therefore, there is a potential risk of injuries and material damage.
- Store and charge the device in an open, dry area away from combustible materials.
- Do not charge the device in direct sunlight or in the vicinity of open flames.
- Do not charge the device immediately after use. Allow the device to cool down for an hour before charging it.
- If the device is left to other people, it must be charged partially (20 - 50%), not fully.
- Do not remove the device from its package to fully charge it and then put it back in the package.

- The device is generally partially charged as shipped from the factory. Keep the device partially charged until it is used.
- Allow the Electric scooter to cool down for at least 1 hour before it can be put in the package.
- Do not leave the device exposed to sunlight in a car.

CAUTION

The Electric scooter must not be used during the charging cycle!

- The LED indicator on the battery charger lights red during the charging process.
- The LED indicator on the charger will light green when the charging process is complete.
- After charging, disconnect the charger from the mains and the Electric scooter.

CAUTION

Connect the DC cable supplied with the Electric scooter only to the DC input!

- Do not insert foreign objects into the DC input.

CAUTION

- Do not remove the protective cap from the DC input!
- Remove the cap only when charging the Electric scooter!
- After charging, disconnect the DC plug and close the DC input again with the cap!

WARNING

Make sure that neither water nor other liquids penetrate into the inner components of the Electric scooter; otherwise, the electronics/batteries of the device could be permanently damaged. There is a risk of injury.

CAUTION

- Do not open the electric scooter casing. Warranty is void if opened.

WARNING

- Make sure to wear helmet and protective clothing before using the Electric scooter.
- Make sure to read manual carefully before using the Electric scooter.
- The Electric scooter is not intended for use on public roads nor in traffic
- The Electric scooter must only be used on dry and level ground
- For domestic use only
- The Electric scooter may not be used by anyone under age of 14 years

Please notice - All products are subject to change without any notice. We take reservations for errors and omissions in the manual.

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Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

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Regarding Battery charging **SEL-10810FD**

Important – Please read!

Dear customer. We hope you get a lot of joy out of your new Electric scooter.

The battery built in the Electric scooter is not fully charged from production line and when left unused the battery can slowly discharge by itself.

This can lead to slow charge if the battery is fully discharged, but this is done to avoid damage to the battery.

If you experience that you cannot turn on your E-scooter, and it doesn't seem to charge (the charger lights up green instantly), please do not try to solve the problem by disassembling the machine by yourself and contact our after-sales directly.

Please enter: www.denver.eu to obtain the electronic version of the manual.

WARNINGS

Please read the manual completely and the instructions below before using the product.

Product names: **SEL-10810 FD**

Product type: Electric scooter

Year of manufacturing: **2022**



- Note: ONLY use the supplied charger labelled SPC-120WW-546020 with the following output voltage to charge this Electric scooter: 54.6V-2A
- Using another charger may damage the product or create other potential risks.
- Never charge the product without supervision.
- The charging period of the product should not exceed five hours. Stop charging after four hours.
- The product should only be charged in temperatures between 0°C and 45°C.
- If charging at lower or higher temperatures, there is a risk that the performance of the battery will be reduced and a potential risk of damage to the product and personal injury.
- The product should only be used in temperatures between 0°C and +45°C.
- If used at lower or higher temperatures, there is a risk that the performance of the battery will be reduced and a potential risk of damage to the product and personal injury
- Store the product at temperatures between 0°C and 35°C. (optimum storage temperature is 25°C)
- Charge and store the product in an open, dry area and away from flammable materials (i.e. materials that may burst into flames).
- Do not charge in sunlight or near open fire.
- Do not charge the product immediately after use. Let the product cool down for one hour before charging.
- If the product is left with other persons for example during a holiday period, it should be partially charged (20-50% charged). Not fully charged.
- When shipped from the factory, the product has often been partially charged. Keep the product in a partially charged state, until it is going to be used.

DENVER A/S

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EC Declaration of Conformity (Machinery Directive)

The undersigned

Company Name: DENVER A/S
Address: Omega 5A, Soeften, DK-8382 Hinnerup, Denmark

certify that the design and manufacturing of this product

Product Brand Name: DENVER
Product Model No.: SEL-10810FDB
Product type: Electric scooter

conforms to the following directives:

Machinery directive 2006/42/EC
MD Standards: 2006/42/EC Annex I, EN ISO 12100:2010, EN 17128:2020

and therefore complies with the essential requirements of the Machine Directive.

Name and address of the person authorized to sign the declaration and collect the technical documentation

Serial no.: 16083-04/22/00001-16083-04/22/00890
16084-04/22/00001-16084-04/22/00150
Full Name: Torben Balmer
Position: CEO
Company: DENVER A/S
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