EVERCROSS

EV85F

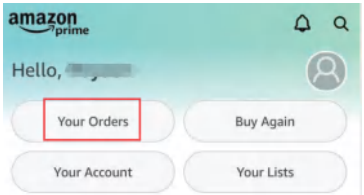
EN V1.2.3

User Manual

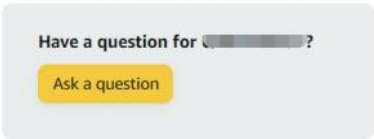
HOW TO CONTACT US ON AMAZON?

Step 1: **Log in to your Amazon account.**

Step 2: Go to **Your Orders**. Select **Problem with order** in the list.



Step 3: Click the "**Ask a Question**" button.
Choose your topic from list displayed.



Step 4: Select **Contact seller.**

***If you purchased EVERCROSS products by other platforms or channels, please also find the corresponding seller contact support. Thanks for your support and patience!**

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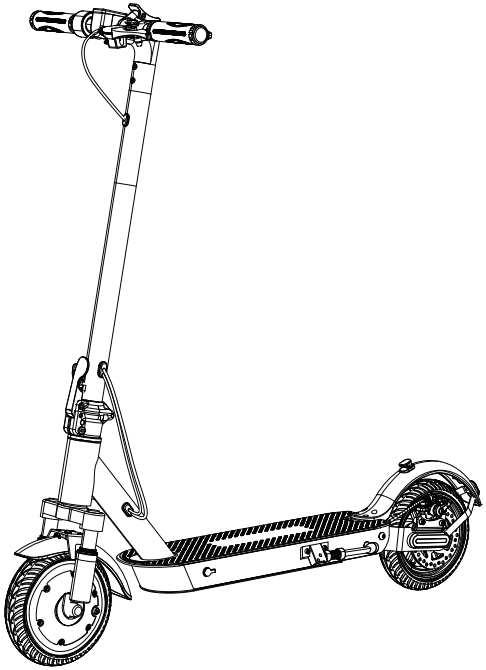
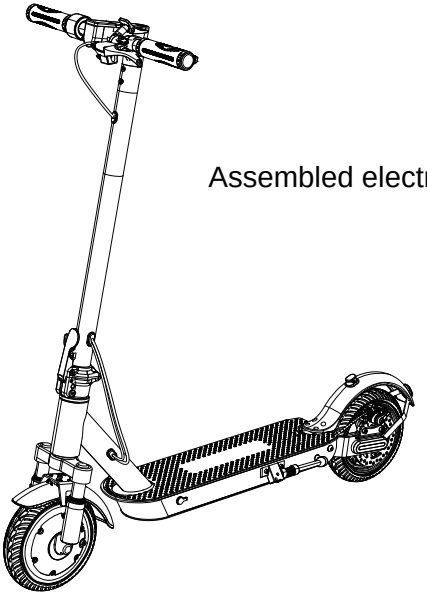
Thanks for choosing the EVERCROSS Electric Scooter EV85F (hereinafter referred to as EV85F)! The EV85F is not only a short-distance transportation product that is easy to fold and carry, also a stylish sport entertainment equipment. Enjoy your ride and connect with riders worldwide!



* All pictures in this manual are for reference only, please refer to the actual product.

PACKAGE CONTENTS

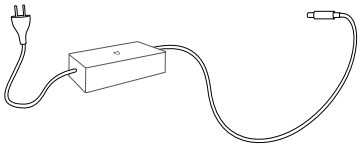


Assembled electric scooter

Accessories

L-shape Allen Key

Charging Adapter



Screw × 4

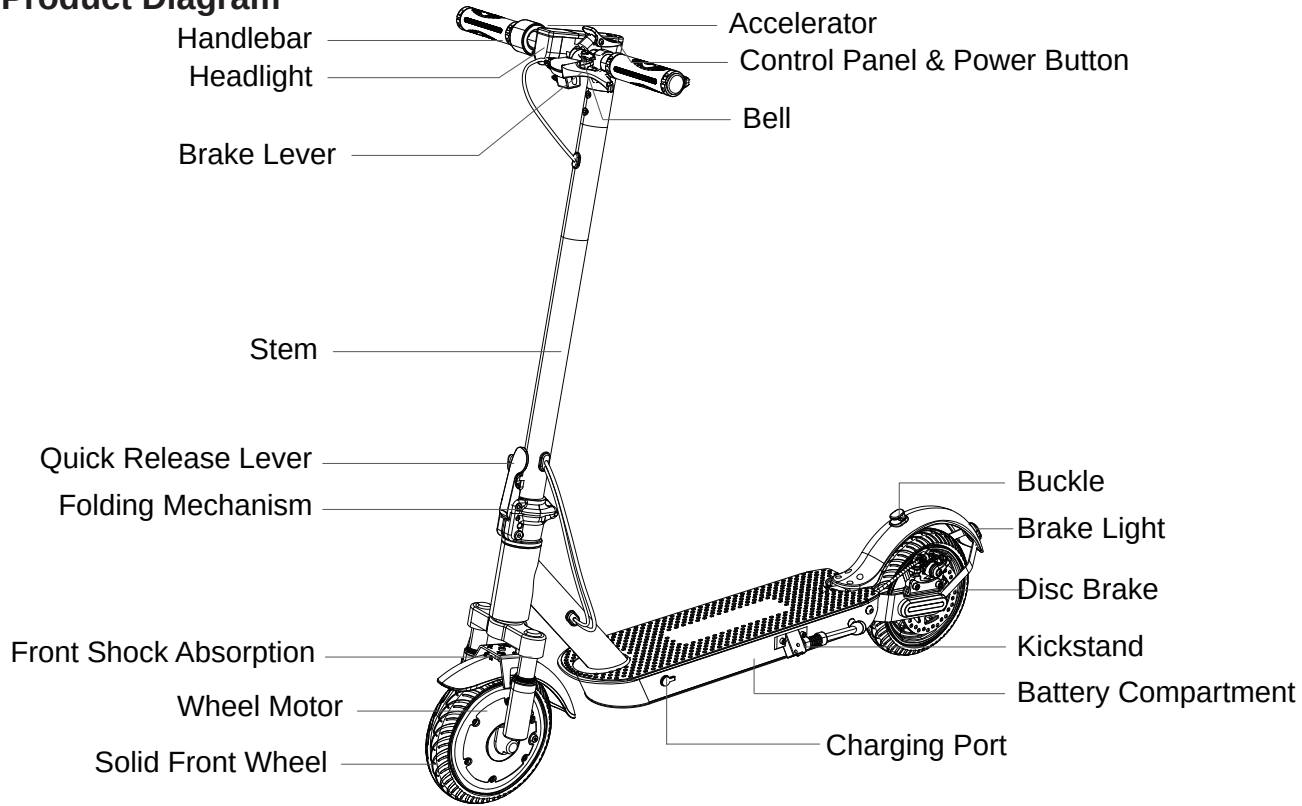
*When unpacking your EV85F, please verify that the above items are included in the package. If any components are missing, please contact us. After verifying that all components are present and in good condition, you can assemble your new EV85F.

*Please retain the box and packaging materials in case you need to ship your EV85F in the future.

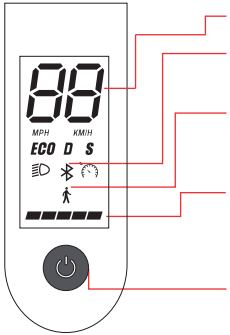
*Remember to power off your EV85F and unplug the charge cable before assembling or mounting accessories.

PRODUCT OVERVIEW

1. Product Diagram



2. Dashboard & Power Switch



Speedometer: Display the current speed of the scooter, as well as to display error codes.

Bluetooth: The icon indicates that the scooter has been successfully connected to the mobile device.

Modes: for pedestrian mode (the maximum speed is 6 km/h, it is easier to push the scooter along as you walk).

Battery Level: The battery power is indicated by 5 bard, each representing approximately 20% of a full battery.

Power Button: Press the button to turn the scooter on, and hold the button for 3 seconds to turn the scooter off. When the scooter is on, press the button to turn the headlight on/off, and double press to switch between modes.

3. Parameter Adjustment Table

Press	Default Mode	Function
Single press	/	Switch between standard gear and pedestrian mode (cycle)
Press twice	/	Turn on/off the headlights
Press three times	MPH	Switch between MPH/KMH
Press four times	Turn off	Turn on/off cruise control
Press five times	Zero start	Zero start/No-zero start
Press six times	30km/h (18.6 mph)	25/30 KM/H

You can turn on/off the function and switch gears by adjusting the number of times of pressing the power button, and the setting is complete when you hear a beep!

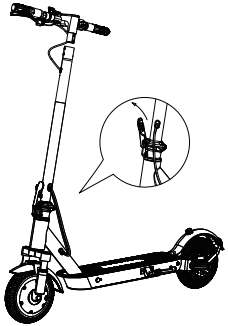
4. Troubleshooting

Error Code	Failure Description	Solution
“E1/F1”	Brake Failure	Check if the brake wire is connected properly or replace the brake lever.
“E2/F2”	Accelerator Failure	Check if the accelerator wire is connected properly or replace the accelerator.
“E3”	Communication Failure	Check if the communication wire between the dashboard and controller is connected properly or replace the dashboard and the controller
“E4”	Overcurrent Protection	Replace the controller
“E5”	Undervoltage Protection	Replace the battery
“E6”	Overvoltage Protection	Stop riding and idling to consume power.
“E7”	Hall Wire Damage	Check if the motor wire is connected properly or replace the motor.
“E9”	Bias Failure	Replace the controller

(‘E’ is startup error / ‘F’ is running error)

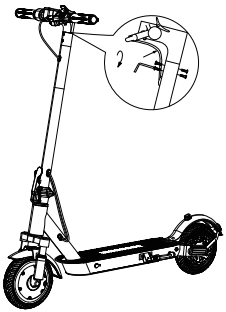
ASSEMBLY AND SET-UP

1. Unfold the scooter, erect the standpipe and fasten the lock, then prop up the foot support. Folding system, double insurance.

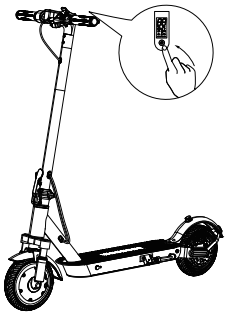


2. Insert the scooter's head into the standpipe, and pay attention to the orientation of the head of it during installation.

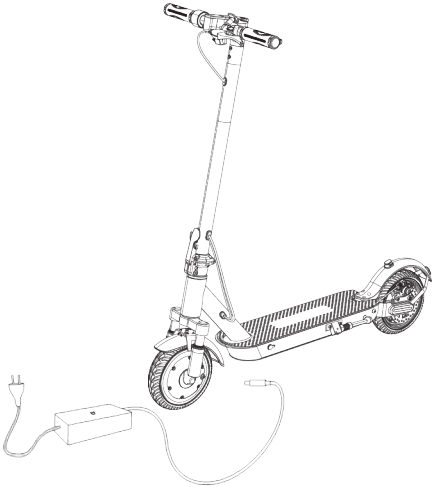
3. Use the hexagonal screws and hexagonal wrenches (two on each side) from the tool kit in the packing box.



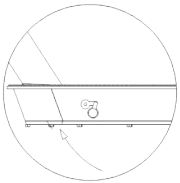
4. Conduct turn on and off detection after installation



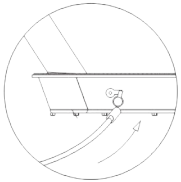
CHARGE YOUR SCOOTER



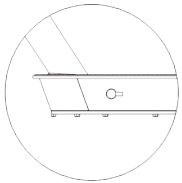
Charging step



Open the charge port cover.



Insert the charge plug.



Close the charge port cover when finished.

⚠ WARNING

Do not charge if the charge port or charge cable is wet.

Do not charge or use your battery if it is damaged or see trace of water.

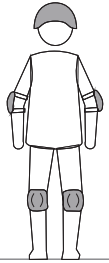
Close the charge port cover when not charging.

Please connect the DC charging port first, then connect to the socket power supply for charging, finally unplug the outlet when charging is complete.

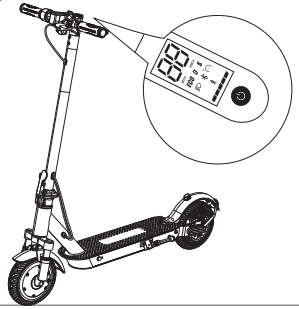
Your EV85F is fully charged when the LED on the charger changes from red (charging) to green.

HOW TO RIDE

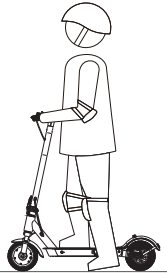
Warning: Wear a helmet, elbow pads and knee pads.
Please read the instruction carefully before using.



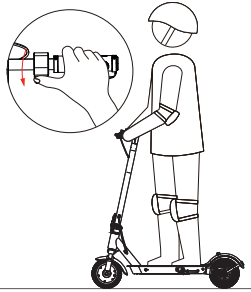
1. Turn on the scooter, and check the power indicator.
Please Note: Do not touch the accelerator when you are not ready to ride!



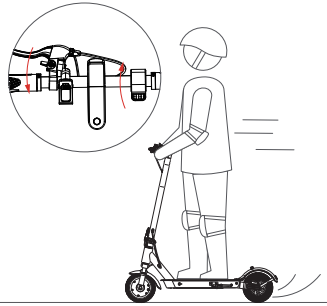
2. Step on the deck with one foot, and slowly kicks off the other on the ground. When the scooter starts to coast, put both feet on the deck and press the accelerator.



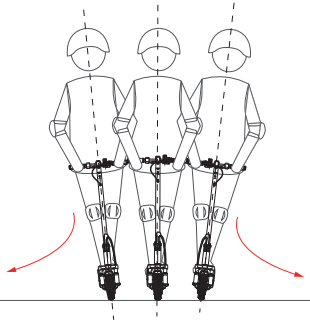
3. When the scooter is at a full stop, the accelerator automatically turns off. To restart the scooter, it is necessary to repeat step 2.



4. Release the accelerator and the speed will slowly drop to a stop; If you need to decelerate quickly, slowly squeeze the brake lever while releasing the accelerator.



5. Tilt your body to the steering direction as you turn, and slowly turn the handlebar.



WARNING

When sudden braking, you may risk serious injury due to loss of traction and falls.
Please maintain a proper speed and look out for potential hazards.

SMART PHONE APP

Your EV85F is an App-enabled electric scooter that works with most mobile devices.
You must download the app in order to change certain features of your electric scooter.

You could download the APP in the following two ways:

Method 1: Search for the APP from either the App Store or Google Play Store to download.

Download on the App Store

ANDROID APP ON Google play

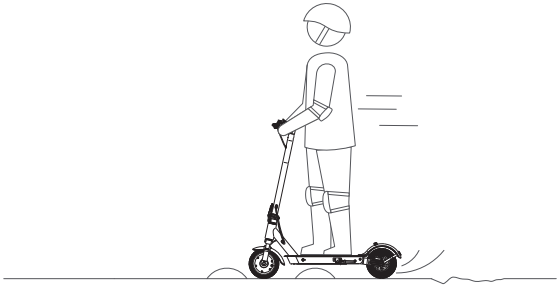
Method 2: Please scan the following QR code to download the app.

Warm Tips: Please note that your electric scooter must be powered on and your smart phone's Bluetooth must be enabled. And then, pairing with the selected electric scooter and use the PIN "888888".

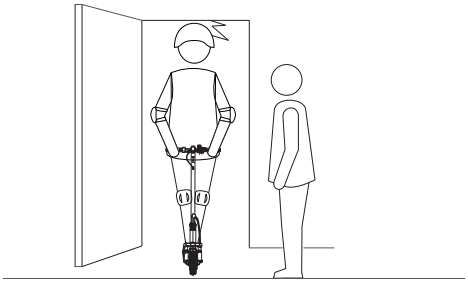
More fun and useful APP functions are waiting for you to explore and discover!

SAFETY REMINDER

Do not ride in the rain.



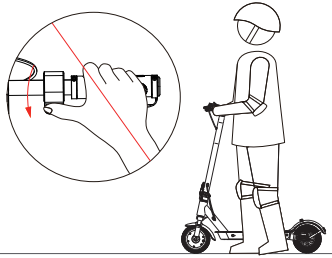
Keep your speed between 5-10 km/h when you ride through speed bumps, elevator door stills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces.



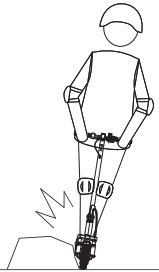
Avoid hitting your head on door frames, elevators, and other overhead obstacles.

Do not accelerate when going downhill, and brake in time to slow down. When encountering a steep incline, you need to step off the scooter and push, do not risk riding up.

To prevent inappropriate use of the scooter, the rear wheel of the scooter must be locked with a padlock when parked.

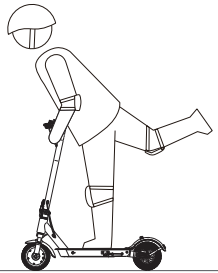


Do not press the accelerator when you're walking alongside the scooter.



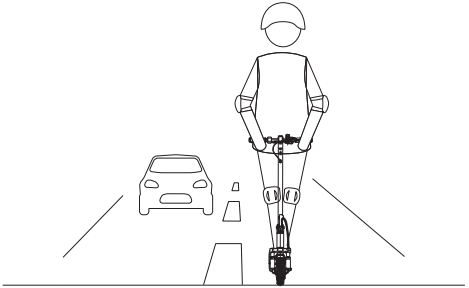
Always steer clear of obstacles.

Do not hang bags or other heavy stuff on the handlebar.

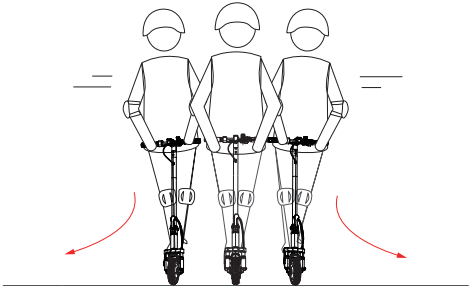


Do not ride on one foot.

Do not try dangerous actions.

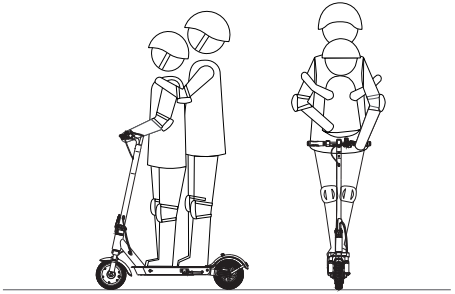


Do not ride in traffic lanes or residential areas where vehicles and pedestrians are both allowed.

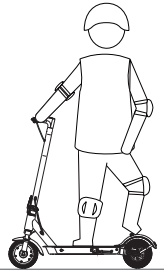


Do not abruptly change the steering direction at high speed.

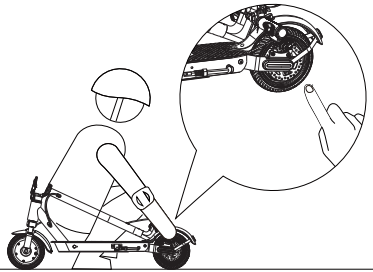
Do not ride through puddles or any other (water) obstacles. In such a case please lower your speed and bypass the obstacle.



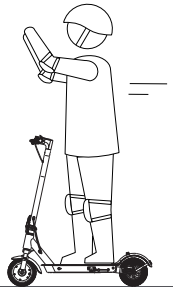
Do not ride with anyone else, including children.



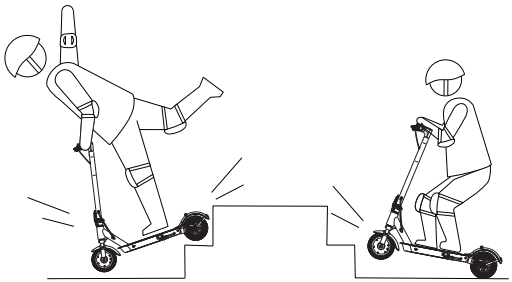
Do not keep your feet on the rear mudguard.



Do not touch the disc brake.



Do not let go of the handlebar while riding.



Do not try riding up or down stairs, nor try jumping over obstacles.

SAFETY INSTRUCTIONS

1. This electric scooter is a leisure device. But once they're in a public area, they'll be seen as vehicles, subjecting to any risks faced by vehicles. For your safety, please follow instructions in the manual and traffic laws and regulations set forth by government and regulatory agencies. We will not be liable for any property damage, personal injury, accident or legal dispute caused by the rider's inexperience or failure to use the product.

2. Following the tips and warnings in this manual can reduce risks, but cannot eliminate all risks. Please remember that you may be at risk of injury due to loss of control, collisions, and falls. The scooter is only suitable for flat hard pavement. The higher the speed the longer the stopping distance. On a smooth surface, the scooter may slip, lose balance, and even result in a fall.

3. Wear a helmet, elbow pads and knee pads in case of a fall to avoid injury. Poor driving can lead to falls or serious accidents. Store the electric scooter indoors when not in use. Read the instruction manual and drive the electric scooter carefully. You should only operate the electric scooter after you have understood and applied all the safety rules. The scooter operator will be responsible for any damage or injury caused by failure to follow the instructions in the owner's manual.

4. Respect pedestrians' Right of Way. Try not to startle them while driving, especially children. When you ride from behind pedestrians, ring your bell to give them a heads-up and slow your scooter down to pass from their left (applicable to countries where vehicles drive on the right). When you ride across pedestrians, keep to the right at a low speed. When you drive across pedestrians, keep the lowest speed or getting off the vehicle.

5. Check the scooter before every use. When you note loosen parts, low battery alerts, flat tires, excessive wear, strange sounds, malfunctions and other abnormal conditions, stop riding immediately and call for professional support.

6. Please pay attention to the road surface when riding, avoid obstacles (including but not limited to wet and slippery ground, loose sand, gravel ground and ice surface). When riding for the first time, please do not choose areas where children, pedestrians, pets, vehicles, bicycles or other obstacles and potential dangers may appear.

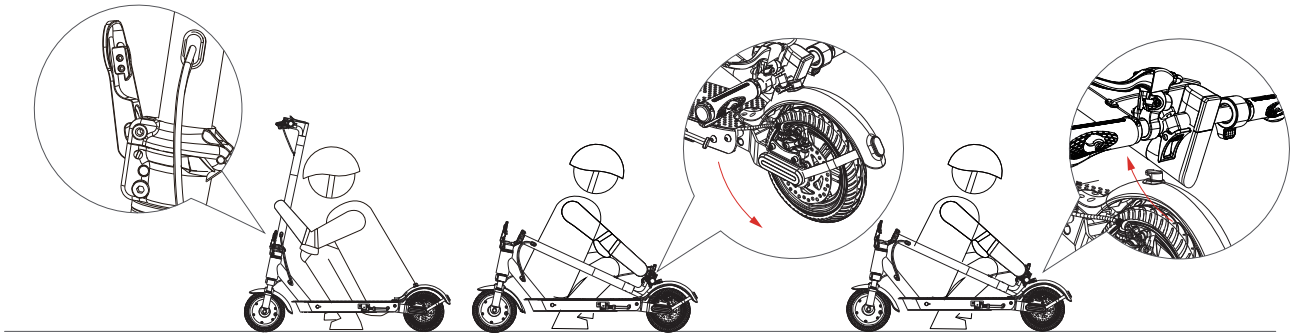
7. This scooter is suitable for users aged 16-50. People who are not suitable to ride this scooter:
i. People under the influence of alcohol or drugs.
ii. People who are unable to engage in strenuous physical activity due to illness.
iii. People who cannot maintain balance.
iv. Persons whose weight exceeds the maximum capacity.
v. Pregnant women.

8. Riding with high speed or a speed that is not appropriate or adequate for the situation (bad weather conditions, bad surface conditions, or the like) may lead into a potential loss of stability or loss of control. To reduce any risk, you must follow all instructions in this user manual.

9. Always place the scooter on its stand on a flat and stable surface. Once the scooter is on its stand, check its stability to avoid any risk of falling. Do not park the scooter in a busy area, but rather along a wall. If possible, always choose to park your scooter on flat ground.

FOLDING YOUR SCOOTER

*The scooter needs to be turned off before folding.



Folding
Hold the handlebar stem, turn it counterclockwise to open the safety hook and open the quick release lever. Align the bell and the buckle and hook them.

Unfolding
When opening, disengage the bell lever from the buckle on the mudguard. Fold the handlebar stem up, close the quick release lever and turn the handlebar stem clockwise.

DAILY CARE AND MAINTENANCE

Cleaning

If you see stains on the scooter's body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth. If you see scratches on plastic parts, use sandpaper or other abrasive materials to polish them.

Notes: Do not clean the scooter with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage; Do not wash the scooter with a high-pressure water spray; During cleaning, make sure that the scooter's turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems.

Storage and maintenance

Any water getting into the battery may cause damage to the internal circuit, risk of fire or even explode. If there is any suspicion of water getting into the battery, immediately stop using the battery and return it to the After-Sales service for inspection.

Improper disposal of used batteries can seriously pollute the environment. Observe local regulations when disposing of this battery pack. Do not discard this battery pack at will, to protect the natural environment.

When the scooter's not in use, keep it indoors where it is dry and cool. Do not put it outdoors for long time. Excessive sunlight, overheating and overcooling accelerate tire aging and compromise the scooter and the battery pack's lifespan.

If the scooter is expected to be left idle for more than 30 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 60 days to protect the battery from potential damage which is beyond limited warranty.

Scooter shall be only be used with original batteries and charging of the Scooter shall only be done by the original charging adapter supplied with the Scooter (or any battery model or charging adapter model approved by the manufacturer as compatible).

Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 0°C. For instance, when it is below -20°C, the riding range is only half or less at normal state. When the temperature rises, the riding range restores.

NOTE: The damage caused by prolonged no charge is irreversible and is beyond limited warranty. Once the damage is done, the battery can not be recharged (non-professionals are forbidden to dismantle the battery pack, as it may cause electric shock, short circuit or even major safety accidents).

WARNING: As with any mechanical component, a scooter is subject to high stresses and wear. The various materials and components may react differently to wear or fatigue. If the expected service life for a component has been exceeded, it may break suddenly, therefore risking causing injuries to the user. Cracks, scratches, and discoloration in the areas subject to high stresses indicate that the component has exceeded its service life and please contact a specialized repaired or customer service.

SPECIFICATIONS

Product	Name	Electric Scooter
	Model	EV85F
Dimensions	Scooter: L × W × H(cm)	1081*476*1143mm
	After Folding: L × W × H(cm)	1081*476*496mm
Weight	Net Weight (kg)	15 kg (33 LBS)
	Gross Weight (kg)	17.6 kg (38.8 LBS)
Riding	Load Weight (kg)	120 kg (265 LBS)
	Applicable Age	16+
Assembled Electric Scooter	Speed (km/h)	12KM/H; 20KM/H; 30KM/H (7.5mph; 12.4mph; 18.6mph)
	General Range (km)	Load 70KG----23-30KM
	Max. Climbing Angle (%)	10-12°
	Ip Rating	IP54
	Charging Time (h)	6h
Battery Pack	Rated Voltage (VDC)	36 V
	Max. Input Voltage (VDC)	42 V
	Rated Capacity (Ah)	7.8 Ah

Battery Pack	Intelligent Battery Management System	Unusual temperature/short circuit/under voltage/ overcurrent/dual overcharge/ dual overdischarge protections
Wheel Motor	Motor Power (W)	350 W
Charging Adapter	Input Voltage (V)	100–240 ~
	Output Voltage (V)	42 V
	Output Current (A)	1.5 A
Tire	Tires	8.5-inch Solid Tires
Applicable Terrain	Flat cement or asphalt roads	
Braking Method	Disc brake + Electronic brake	

[1] Vehicle height: from the ground to the top of the scooter.

[2] General range: measured when there is no wind and at 25°C, the scooter's fully charged to ride at a constant speed of 15 km/h on a flat surface with a load of 70 kg.

The above data may vary depending on riding conditions, rider weight, climate, and/or proper maintenance.

PRODUCT WARRANTY

This product comes with a 30 day limited replacement warranty for Manufacturer’s defects.

The following conditions comprise the requirements and scope of our warranty conditions:
1)The warranty does not cover over-charging, or damages due to improperly maintaining lithium-ion battery installed in unit. The warranty does not cover tires and other parts, which are considered consumables, parts that break easily such as glass or plastic or defects based on normal wear and tear.
2)The warranty will be performed in such a way that we shall decide whether to repair the defective parts or to replace them with working parts free of charge. EVERCROSS reserves the right to exchange the product for a replacement product of equal value if the product sent in cannot be repaired within a reasonable time or at a reasonable cost.
3) The warranty claim does not apply if repairs or other work is carried out by unauthorized persons or if our products are equipped with additional parts or accessories that are not approved for our product.
4) Warranties that have been activated do not cause the warranty period to be extended, nor do they trigger a new warranty period. The warranty period for any replacement parts installed ends with the warranty period for the entire product.
5) Any other further claims are excluded, especially those for replacement due to damage caused to the outside of the product, provided there is no obligatory legal liability.

EVERCROSS can refuse any service claim made that is not covered by the warranty. Please contact support@evercross.eu for pricing and availability of repairs, outside of warranty.

FCC WARNING STATEMENT

FCC Warning Statement
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.

***For the Canada market, please refer to IC-ID related regulations.**

CONTACT

Please contact us directly if you experience any riding, maintenance, safety, errors/faults issues with your EVERCROSS product.

E-mail Service: support@evercross.eu

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https://www.evercross.eu/

For warranty information, Please visit us at:
https://www.evercross.eu/