

GLOBBER

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E-MOTION 14
E-MOTION 210

200W

FOLDABLE ELECTRIC SCOOTER/
TROTINETTE ÉLECTRIQUE PLIABLE

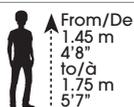


Class 2 / Classe 2
EN17128:2020

Personal Light Electric Vehicle (PLEV)
EN 14619:2019 CLASS A: 70KG MAX

Original instructions
Instructions d'origine

12+ 70 kg
max 154lbs



EC DECLARATION OF CONFORMITY / DECLARATION CE DE CONFORMITE

We/Nous GLOBBER France SAS

Address/ Adresse : 66 Rue de l'industrie – PAE la Boisse Dagneux 01120 MONTLUEL - FRANCE

in accordance with the following Directive(s)/Selon les directives suivantes,

2011/65/EU Restriction of the use of certain hazardous substances

2014/30/EU Electromagnetic Compatibility directive

2014/35/EU Low voltage directive

2006/42/EC Machinery Directive

2001/95/EC General product safety directive

Hereby declare with the sole responsibility that / Déclarons par l présente sous notre seule responsabilité que :

Product Name/ Désignation: Globber electric scooter (E-MOTION 14, E-MOTION 210)

Model Number/ Modèle nr : 750-101, 750-102, 750-103, 758-120

Product photo/Photo produit :



Is in conformity with the applicable requirements of the following standards and legislation/

Est en conformité avec les exigences applicables des normes et législations :

EN17128:2020 Personal light electric vehicles – Safety requirements and test methods

2011/65/EU RoHS directive

EN IEC 61000-6-3:2021 Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments

EN IEC 61000-6-1:2019 Electromagnetic compatibility (EMC). Generic standards. Immunity for residential, commercial and light-industrial environments

EN IEC 61000-3-2:2019+A1:2021 Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions

EN 61000-3-3 :2013+A2:2021 Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021 Household and similar electrical appliances. Safety. General requirements

EN 60335-2-29:2004+A2:201+A11:2018 Safety of household and similar electrical appliances, Particular requirements for battery charger

EN 14619:2019 Safety Requirement for Roller Sports

EN ISO 12100:2011 Safety of machinery – General principles for design – Risk assessment and risk reduction

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Name and Signature of the authorized person: Caroline

Position: QA

Place: Montluel France

Date: May 11 2023



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Please keep these instructions for future reference.

EN 17128:2020 CLASS 2: 70KG MAX

EN 14619:2019 CLASS A: 70KG MAX

READ THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER BEFORE USING THE PRODUCT.



1 - SAFE USE OF THE ELECTRIC SCOOTER

This appliance can be used by children aged from 12 years old and above and by persons with reduced physical, sensory, or mental capabilities or those with 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. Young children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.

Warning. Never use the product close to a water source. Stop using the product when damaged.

Warning. Never use the product outside of the spaces authorized by the local laws and regulations.

DETACHABLE SUPPLY UNIT

WARNING: For the purposes of recharging the battery, use only the detachable supply unit provided with this appliance. This appliance contains batteries that are only replaceable by skilled persons. Persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge shall not play with the appliance.

2 - TECHNICAL SPECIFICATION

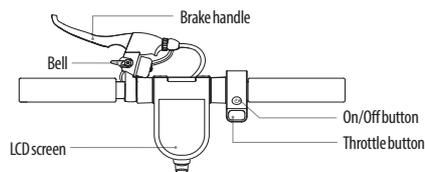
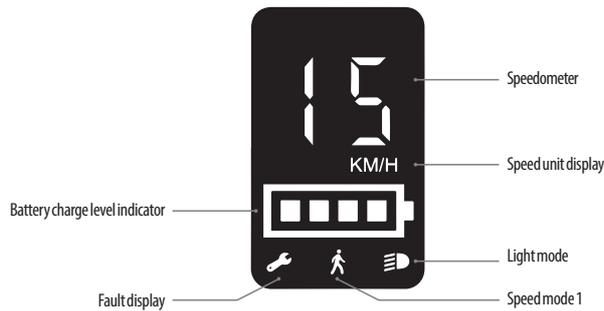
Material	Composite, aluminium, polypropylene, TPR, rubber
Assembled dimension	L 86cm x W 46cm x H 96cm
Folded Dimension	L 97cm x W 46cm x H 39cm
Weight	8.3kg
User height /maximum weight	1.45-1.75m /70kg
Maximum speed	Speed mode 1: 6 km/h (3.7 mph) Speed mode 2: 15 km/h (9.3 mph)
Maximum range per charge	9-11 km*
Operating temperature	0°C - 40°C
Motor power	200W
Front wheel size	5.9"(150mm)
Rear wheel size	5"(128mm)
Battery capacity (Ah)	4.0Ah
Battery voltage	21.6V (End-of-discharge voltage: 18V - Upper limit of the charging voltage: 25.2V)
Charger model no: FY0422401200E	AC input: 100-240V - 50/60Hz – 1.50A DC output: 24V  1.2A
Charging time	4 Hours
Sealing around compartment	IPX4

*Depending on the user's weight.

Original instructions

3 - CONTROL FUNCTIONS

SCREEN FUNCTIONS



Short press the On/Off button to turn on the front light; double-clicking the on/off button to switch between speed mode 1 and speed mode 2.

ON/OFF FUNCTION

- To start the scooter, press once the ON/OFF button located at the top of the handlebar. Always remember to press the ON/OFF button to start the scooter.
- When the LCD screen lights up, the scooter is in "ON" mode. The LED side light and the taillight will light up. The deck is also equipped with LED lights on both sides that light up in ON mode.
- To turn off the scooter, press and hold the ON/OFF button until the LCD screen and taillights turn off; release the ON/OFF button and the LED side lights will also turn off.
- Your E-MOTION 14/E-MOTION 210 will automatically turn off after 10 minutes of inactivity.

START-UP

Once the scooter is in ON mode, it is now ready to use. Two actions are necessary to engage the motor:

- Press the throttle accelerator (located on the right handlebar) to start and accelerate. Kick start to activate the motor.
- Push your scooter to reach a speed of 3 km/h.
- Be aware that once the motor is turned ON, reducing your speed below 3 km/h does not automatically turn off the motor; read the "STOP" paragraph section for instructions on how to turn off the motor.

HOW TO RIDE THE SCOOTER

- Make sure the scooter is in "ON" mode.
- Place your feet on the deck.
- Push the scooter with your foot until you reach a speed of 3 km/h to engage the electric motor.
- Press the throttle accelerator (located on the right handlebar) to start and accelerate.
- The maximum speed is 15km/h in speed mode 2 and 6km/h in speed mode 1.
- To slow down, you can simultaneously or independently:
 - Carefully press the handbrake while keeping both hands on the handlebar.
 - Release the throttle accelerator while keeping both hands on the handlebar.

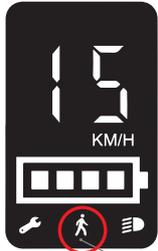
STOP

- To stop, press the brake lever on the left side of the handlebar to engage the rear wheel brake. The action of the brake lever will simultaneously engage the electromagnetic motor brake and the mechanical brake of the rear wheel.
- At any time, you can remove your finger from the acceleration throttle to automatically shut down the motor, for example in an emergency. The battery will automatically turn itself off when the motor is not engaged for more than 10 minutes.

SPEED MODE SELECTION

When you first press the ON/OFF button, the scooter is by default in "speed mode 2". When the scooter is in "ON" mode, but the motor is not engaged, the scooter is in "standby mode".

In standby mode, you can switch between the 2 speed modes by double-clicking the ON/OFF button.



Speedmode 1

1. Speed mode 2 (default mode): max speed is 15km/h. The LCD screen and taillight will continuously light up, while the side LED lights will flash slowly.
2. Speed mode 1: max speed is 6km/h. The taillight and side LED lights will flash. The LCD screen will show the pedestrian symbol.

To switch from "speed mode 2" to "speed mode 1", double-click the ON/OFF button. The LCD screen will show the pedestrian symbol. The taillight will start flashing in red, and the LED lights on both sides of the deck will flash, showing that the scooter is now in "speed mode 1". The max speed in this mode is 6km/h.

To switch back to "speed mode 2" from "speed mode 1", double-click the ON/OFF button again. The LCD screen will not show the pedestrian symbol. The taillight will stop flashing, and the LED lights on both sides of the deck will flash slowly, showing that the scooter is now back in "speed mode 2". The max speed in this mode is 15km/h.

HEADLIGHTS



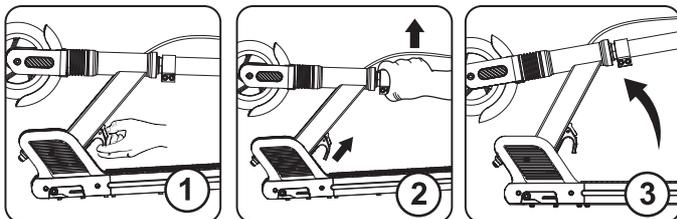
Light mode

- Short press the ON/OFF button to turn on the front light. The LCD screen will show the light mode symbol.
- To turn off the headlights, short press the ON/OFF button again.

4 - ASSEMBLY

UNFOLD THE SCOOTER

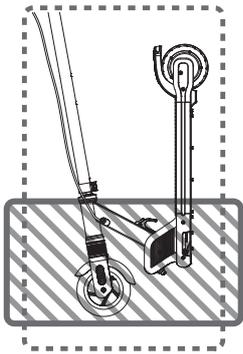
1. Simultaneously press down the red button on the front of the deck and pull the clamp up, then raise the t-bar until the folding mechanism is engaged; make sure you hear a "click" sound.



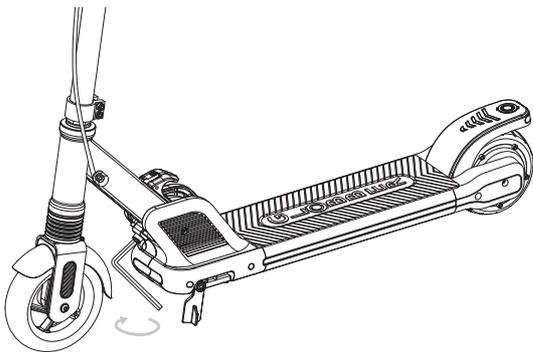
2. Connect the main cable. Then, insert the T-bar into the stem and tighten the bolts. The required clamping/tightening force is between 5 to 7 N/m.



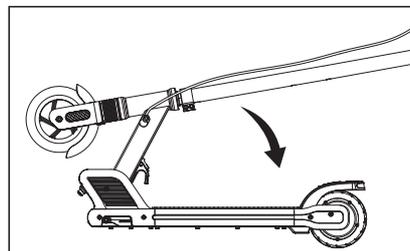
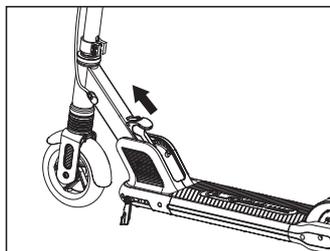
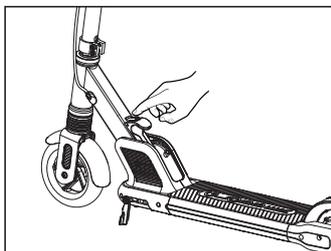
- In case the red button gets jammed and cannot be pulled, please lift the t-bar tube slightly to find a point where there is no pressure on the folding mechanism, then pull the clamp.



WARNING! RISK OF INJURY BY PINCHING!
DO NOT INSERT YOUR FINGERS INTO THE SHADED AREA INDICATED.



The folding mechanism might become loose after being used over time. In such case, please use the provided hex wrench to tighten the bolt slightly as shown below.



FOLD THE SCOOTER

1. Press down the red button on the front of the deck.
2. Pull the clamp up.*
3. Lower down the T-bar until the folding mechanism clicks into place (a “click” sound will be heard).

* Operate 1 and 2 simultaneously

5 - CHARGING

When the battery indicator light on the LCD becomes low, you can recharge the battery with the provided charger.

IMPORTANT:

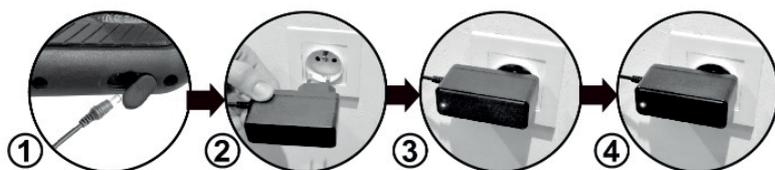
The battery has the feature of temperature protection,

If you try to charge the scooter just after riding, the battery pack might be at a high temperature, and it will not accept charging until about 25 minutes later when the battery pack cools down.

Warning for battery charging: Use only the charging device provided with your scooter.  (model ref. FY0422401200E)

Your electric scooter is delivered with a specific charger; do not use any other charger with the scooter. Only charge the scooter indoors. The external flexible cable of this charger cannot be replaced; in case of damage the charger must be disposed for recycling.

1. To charge your electric scooter, make sure it is turned off by switching OFF; then remove the waterproof cap from the port and plug in the charger. For safety reasons, ensure the charging port is always dry before starting to charge.
2. Plug the charger into a suitable power source.
3. When the LED light on the charger is red, the battery is charging.
4. When the signal light changes to green, the battery is fully charged; this will take approximately 4 hours. You must stop charging it when the signal light turns green; charging the battery for too long will reduce its lifetime.



The protective cover is used to protect the charging port from splashing water. Be sure to replace the cap after each charging and before each use.

- Children shall not play the appliance.
- Cleaning and user maintenance should not be made by children without supervision.
- Warning: The charger (model ref. FY0422401200E) is specific for lithium battery pack 21.6V and 4.0AH ( model No: 6S2PSCOOTERM20)
- The battery charger has a LED indicator: GREEN light indicates the battery is fully charged or disconnected; the RED light indicates the battery is in charging.
- Do not recharge non-rechargeable batteries. It may cause explosion.
- Only use the charger supplied with your electric scooter. Using a charger other than the one supplied will invalidate the warranty.
- To optimise the performances and lifetime of your electric scooter battery, fully charge the battery before using it for the first time and fully charge it once a month.
- Do not cover the battery compartment or the charger. There must be good ventilation conditions at all times during charging.
- The charging environment must be clean. Ensure there are no traces of dampness or water in the electric socket before plugging in.
- Ensure you use a standard socket.
- Do not switch on the scooter during charging.

Warning. Do not use the battery or the device in the following cases:

1. The battery gives off a smell or the temperature inside the appliance is too high.
2. Battery leaks on the deck of the scooter.

If in doubt please contact us at contact@globber.com

Important:

- Prior to attempting any product repairs yourself, please contact your retailer and/or Globber directly at contact@globber.com to get the full technical and safety recommendations.
- In case of battery leakage, do not touch it.
- Keep children away from the battery if it is leaking or displays any other problems.
- Batteries contain dangerous substances. Do not attempt to open the battery or to insert any solid or liquid substance into the battery or into the body of the appliance.
- Using the battery is subject to authorisation by the local authorities.

6 - TIPS FOR USE / CAUTION

Before and after using your appliance, check all the connections: The brake and the wheel axles must be correctly adjusted and undamaged. Also check the wheel wear. Check the steering system and make sure that the nuts are tightened, and the handlebars and front wheel are perpendicular. Also eliminate any sharp edges caused by use.

1. If the scooter battery is low or uncharged, the appliance can be used as a standard scooter. To do so, stand on the scooter with your hands on each handlebar and push with one foot to make it moving forward. Proceed with caution to start with.
2. A mechanical hand brake is located at the left of the handlebar. When necessary, press it to slow down. Press gradually to avoid skidding or loss of stability.

How to adjust the barrel on the hand brake:

1. Fine tune the brake block by turning the barrel screw. To do so:
2. First undo the barrel-adjuster's locknut (turn counter clockwise).
3. To increase the brake power, unscrew the barrel in counter clockwise direction in small increments. To decrease the brake power, turn the barrel inward in clockwise direction in small increments.
4. Check the feeling of the brake from time to time to finetune the adjustment.
5. Tighten the barrel-adjuster's locknut when done (turn clockwise).

Warning: The rear fender is not a brake; do not use for braking!



- Warning. Any load attached to the handlebars will affect the stability of the vehicle.
- When you use your electric scooter, ensure your position is always correct and respect the local laws and highway codes.
- Always speed up and slow down gradually.
- The scooter is for teenagers and adults. It is not a toy. It is a means of transport and not designed for extreme sports such as jumps, ramps, ollies, etc. Under no circumstances should the product be used in a skatepark for “aggressive” use (figures, etc.).
- Use with caution on clean, dry flat surfaces and if possible, away from other users. Respect the road safety regulations.
- Braking distances are increased in rainy weather or when wheels are wet.
- Traffic in the city has many obstacles to cross, such as curbs and steps. It is recommended to avoid obstacle jumps. It is important to anticipate and adapt your trajectory and speed to those of a pedestrian before crossing these obstacles. It is also recommended to get off of the vehicle when these obstacles become dangerous due to their shape, height or slippage.
- Take the time to learn the basics of the practice to avoid any serious accident that can take place in the first months. Get closer to your seller so he can refer you to an appropriate training organization.
- Do not divert the use of the vehicle.
- WARNING! Keep plastic covering away from children to avoid suffocation.
- The average A-weighted emission sound pressure level does not exceeds 70 dB(A).
- Check local laws concerning the use of scooters. Respect all the traffic rules and road signs. Keep away from pedestrians or users on the public highway.
- Preferably use on flat, clean surfaces free from gravel or grease. Avoid bumps and drain gratings likely to cause an accident.
- Avoid high traffic areas and overcrowded areas.
- Cross the protected passages while walking.
- In any case, anticipate your trajectory and your speed while respecting the code of the road, the code of the sidewalk and the most vulnerable.
- In all cases, take care of yourself and others.
- Notify your presence when approaching a pedestrian or cyclist when you are not seen or heard.
- Always wear shoes and we strongly advise you to wear trousers and long-sleeved shirts to avoid injury if you fall.
- Warning. Wear personal protection equipment including: wrist guards, gloves, knee and elbow protectors and a helmet. 🧯
- Do not use in the dark if the front light is turned off or not bright enough.
- The electric scooter is not designed for acrobatics. Do not attempt to jump or execute dangerous manoeuvres.
- Do not ride more than one person on the scooter.
- You are advised not to leave the electric scooter outside in damp or wet conditions.
- Do not touch the hub motor located in the rear wheel when in use or immediately after riding.

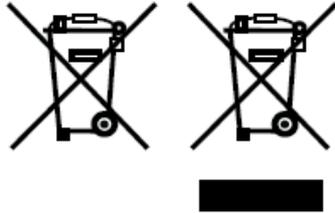
- Check that the kick stand is fully folded before starting. When parking, check that the kickstand is properly unfolded; the unit must be parked on a flat ground to avoid any risk of falling. If the unit is not equipped with a kickstand, ground parking is recommended, ensuring you do not interfere with the traffic.
- It is highly recommended to wear reflective clothing and accessories to enhance/increase its visibility.
- When the product is no longer in use, it should be stored in a safe place or put under protection (lock system) to prevent unauthorized use of commands/product.
- Vibration and shock: Using an electric scooter can generate significant vibrations and shocks, depending on of the surface on which it is used. Do not use your scooter for too long, and immediately stop using if discomfort caused by vibrations. The total hand-arm vibration value does not exceed 2.5m/s².
- In case of fall or accident, always check that product is switched off and clear the way for other users if possible.
- The front suspension in steering column absorbs vibration.
- The materials used for the construction of the machine, are not toxic, and have been analysed according to the following directive: 2011/65/EU Rohs. A safety data sheet has also been established for the battery.
- The safety and reliability of the control systems have been evaluated according to the following guidelines: 2014/30/EU Electromagnetic Compatibility Directive and 2014/35/EU Low Voltage Directive.
- In France this product is equipped to circulate on certain public roads, for the users of at least 12 years old. Consult the website: service.public.fr/particuliers/vosdroits/F308.
- In France, it is the responsibility of users of a motorized mobility device (EDP) to insure. Motorized EDPs may be included in home multi-risk insurance contracts but with a specific civil liability clause of the land motor vehicles (VTM) type, or be the subject of a specific EDP motorized contract.
- To avoid pinching and entrapment, do not get your fingers stick in moving parts.

7 – MAINTENANCE

- Warning: As with any mechanical component, your vehicle 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, thereby 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 should be replaced.
- Caution: The rear wheel has a motorised part. If you wish to check the motorized parts or change it, contact a qualified technician or a Globber representative at contact@globber.com.
- Eliminate the sharp edges generated by the use.
- Do not modify or transform the vehicle, including the steering tube and sleeve, stem, folding mechanism and rear brake. or the warranty will be invalidated.
- The accessories and any additional items which are not approved by the manufacturer shall not be used.
- To clean: Disconnect the charger and turn off the product, wipe it with a dry cloth.
- The lithium battery: To guarantee the battery lifetime, charge it when its level is low. If it is not used for a long period of time, you are advised to charge it once a month. If you wish to check the battery or change it, contact a qualified technician or a Globber representative at contact@globber.com.
- The recommended storage temperature for the battery is between 5°C and 30°C.
- Do not use or place the electric scooter in an environment where the temperature exceeds 40°C to avoid any lithium battery malfunction that may lead to it catching fire.
- Never store the electric scooter in a car during hot weather to avoid any danger of this.
- Bearings: Avoid riding through water, oil, or sand, which would damage your bearings. To maintain your bearings, check regularly that the front wheel turns properly by turning the electric scooter upside down and pushing the wheel with your fingers. If the front wheel does not turn, remove it and check the condition of the bearings. First unscrew the wheel axle. Remove the axle and remove the wheel. Carefully push the two bearings out of their seating. If they are chipped or crushed, buy new ones. If there is no visible damage, oil them. To do so, remove any traces of grease, mud, or dust from the bearing using a paper towel or a cloth then grease them either with a self-lubricating spray or by soaking them in oil overnight (turn the bearings several times in the oil before leaving them to soak). Refit the bearings and axle, then the front wheel.
- The wheels: The wheels wear out over a certain length of time or may even develop holes if the scooter is used on rough surfaces too often. This is particularly true of the rear wheel on which the brake is applied. Check them regularly and have them changed for better safety.
- Product modifications: The original product must by no means be modified except for the maintenance-related changes mentioned in these instructions.
- Nuts, axles and other self-locking fasteners: These should also be checked regularly. They can become loose after a while in which case they should be tightened. They can become worn and not tighten properly, in which case they should be replaced.

8 - DISPOSAL OF END-OF-LIFE APPLIANCE

The appliance must be disconnected from the mains supply when removing the battery.
The battery must be removed from the appliance before the appliance is discarded.
The battery must be disposed of safely by taking it to the most suitable collection point.
Do not place with regular waste; dispose in recycling bin.



9 - ADDITIONAL INFO

For questions and inquiries please contact us at contact@globber.com

WARRANTY

The manufacturer warrants this product to be free of manufacturing defects for a period of 2 years from the date of purchase.
This Limited Warranty does not cover normal wear and tear, tire, tube or cables, or any damage, failure or loss caused by improper assembly, maintenance, or storage.

This Limited Warranty will be void if the product is ever

- Used in a manner other than for recreation or transportation;
- Modified in any way;
- Rented

The manufacturer is not liable for incidental or consequential loss or damage due directly or indirectly to the use of this product.
Globber does not offer an extended warranty. If you have purchased an extended warranty, it must be honoured by the store at which it was purchased.

For your records, save your original sales receipt with this manual and write the product name below.

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E-scooter batteries are covered by a 1-year warranty from the date of purchase.

SPARE PARTS

To order spare parts for this product, please visit our website www.globber.com

10 – TROUBLESHOOTING

Problem	Possible cause	Solution
Scooter will not run	Battery is not charged - LCD screen is OFF	Fully charge the battery. The first charge takes approximately 4 hours and up to 4 hours for recharges.
	Wires or connectors are loose or unplugged	Check to ensure that the charger is securely plugged on both the wall socket and the scooter.
Scooter run time is short	The battery does not charge completely. The LCD screen show a low battery level	Fully charge the battery. The first charge takes approximately 4 hours and up to 4 hours for recharges. Check to ensure that the charger is securely plugged into both the wall socket and the scooter. Make sure that the wall socket is connected to the mains power.
	Battery will not charge fully	1 - You have been using your scooter for a while. The battery has lost its capacity. The average rechargeable battery life is 1 to 2 years depending on scooter conditions and use, maintenance (at least one charging per month) and storage (dry place at temperature between 5 and 30 degrees). 2 - Your scooter is new and has low autonomy? In both cases (1 and 2) the battery needs to be changed, please contact your dealer or a Globber representative at contact@globber.com
Scooter suddenly stops working	Excessive use of scooters	Excessive overload occurs during a steep incline or when the rider is too heavy; the motor has over-load protection to ensure safety. If such a sudden stop of the scooter occurs, wait about a minute or more before switching the battery on again.
	Wires or connectors are loose or unplugged	Check all wires and connectors to make sure they are connected and secure.
	Improper use in wet environment which has led to an electronic short cut	Your scooter is not designed for wet, rain or puddle use. If your problem arises as a result of such use, please contact your dealer or a Globber representative at contact@globber.com
Scooter runs sluggishly	Scooter is overloaded	Be careful not to overload the scooter beyond the maximum weight limit (70 kg). Be careful not to use your scooter on steep slopes, and do not pull or tow objects or people. Avoid overloading the scooter as this will cause premature wear of the battery and its components.
	Unsuitable riding conditions	Ride only on solid, flat, clean and dry surfaces, such as a bike path or level ground.

11 – BUILT-IN MALFUNCTION DETECTION SYSTEM

This E-MOTION 14/210 scooter has a built-in malfunction detection system. In the event of an electrical problem, the screen will display an ERROR code. Refer to the below table to find the related cause and remedial actions required.

IMPORTANT: Prior to repairing, contact your retailer to get disassembly and assembly recommendations.

To order spare parts for this product, please visit our website at globber.com or contact us at contact@globber.com.

ERROR CODE	CAUSE	ACTIONS
E1	LCD communication error	Re-connect the cable between the LCD and the controller; if the error still occurs, then replace the LCD to fix the issue.
E2	Motor error	Re-connect the wires between the motor and the controller; if the error still occurs, then it is a hardware fault in the motor or controller. To find the faulty hardware, replace the motor or controller to test and fix the issue.
E3	Brake error	Replace the brake dial to test; it is a dial fault if no error is reported again. Check whether the dial wire is plugged correctly, and whether dial hall output voltage is abnormal.
E4	N/A	N/A
E5	Low voltage protection	Charge the battery; if the error still occurs, then please replace the battery with a new one.
E6	Hardware error	This represents a fault in the controller; replace it if the error still occurs after restarting several times.
E7	Accelerator error	Replace the accelerator dial to test if this is the issue; it is a dial fault if no error is reported again. Check whether the dial wire is plugged-in correctly and whether the dial hall output voltage is abnormal.
E8	Hall error	This represents a motor hall error. Check whether the hall wiring is loose; if the wiring is fine but the error still occurs, then the motor hall is damaged and needs to be repaired.
E9	Controller communication error	Re-connect the wires of the controller; if the error still occurs, then please replace the controller to fix the issue.