



# User Manual

## Folding Electric Scooter



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## IMPORTANT MESSAGE TO PARENTS

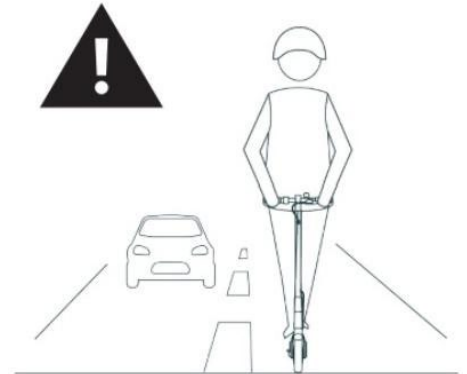
This manual contains important safety information. Please read it carefully before allowing a child to use this scooter and keep it for future reference.

### 1. SAFETY WARNINGS

Scooter Riding can be a hazardous activity. Scooters are designed to move, and like any other moving product, their use involves inherent risks. Riding a scooter may result in injury, even when proper safety precautions are taken.

Use at your own risk and always use common sense.

- Always wear appropriate protective gear, including a helmet, knee pads, elbow pads, and suitable footwear.
- Do not allow use by individuals who are unable to safely operate the scooter (including, but not limited to, young children without supervision, the elderly, or pregnant individuals).
- This device may be used by children or persons with reduced physical, sensory, or mental capabilities, or with lack of experience and knowledge, only if they are supervised and instructed by a responsible person who understands all safety precautions.
- Children must not play with this device.
- Cleaning and maintenance must not be performed by children without adult supervision.
- Protect this product from moisture, humidity, water, and other liquids.
- Avoid using or storing the scooter in extreme temperatures.
- Do not expose the scooter to direct sunlight or sources of heat.



### 2. SERVICE, MAINTENANCE & REPAIRS

- Do not attempt to disassemble or repair the scooter yourself, without any professional help.
- If an error notification appears on the scooter display, turn the device off and wait a moment before turning it back on.
- If the error notification persists, discontinue use and contact authorized service personnel.

### ADDITIONAL OPERATING WARNINGS

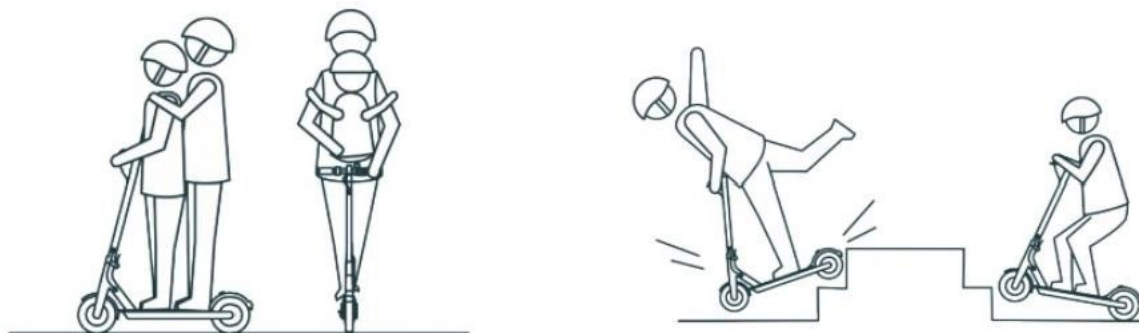
- ALWAYS disconnect this device from the power supply before cleaning.
- Do not use this device near flammable products or substances.
- Do not operate this vehicle after consuming alcohol, drugs, medications, or any substances that may impair cognitive or motor skills.

When operating this vehicle, you must comply with all applicable local laws and regulations, including traffic laws. The producer/manufacturer is NOT responsible for any injuries, damages, accidents, losses, legal disputes, or other unfavorable events resulting from failure to follow laws, legal standards, or safety measures related to the use of this vehicle. Sole responsibility lies with the user. In case of any doubt, local laws and regulations shall prevail.

Users must understand that the risk of accidents, injuries, or damage cannot be entirely eliminated. Other road users may behave negligently or violate traffic regulations. Riding this scooter involves risks similar to walking or riding a bicycle in traffic.

- Do not ride off curbs or ramps.
- Do not use this scooter in skate parks, empty pools, or environments intended for skateboards.
- Do not attempt tricks, jumps, or stunts.
- This vehicle is NOT a skateboard and is not designed for riding upstairs or downstairs.
- Do not ride on steep hills.
- Do not jump on or off the scooter.
- Do not step on, stand on, or lean against the rear fender. The kick scooter does NOT have a foot brake in the fender. Applying pressure to the rear fender may cause mechanical damage.
- DO NOT touch the disc brake, as it may be hot during or after use.
- Do not use the scooter if any damage is detected.

Failure to follow these instructions may result in injury or damage to the product.



### 3. PREPARATION AND SAFE OPERATION

Before using the vehicle, make sure:

1. The battery is fully charged.
2. Tires are in good condition.

**Note:** If a tire stalls, the device will automatically shut down.

#### Weight limitations

The maximum user weight (including belongings) is 120 kg. Overloading the vehicle may cause damage or injury.

#### Driving risks and warnings

Any damage or injury resulting from ignoring this manual is the responsibility of the user. Avoid sudden swerves or abrupt movements, especially at high speed.

#### Safe driving guidelines

- Always wear appropriate safety gear, including a helmet, knee pads, elbow pads, and



other -protective equipment.

- Keep your legs relaxed with slightly bent knees to maintain balance on uneven surfaces.
- Ensure both feet remain on the deck while riding.
- Avoid steep slopes, potholes, puddles, or bumps.
- Maintain a safe speed and distance from other vehicles.
- New users should avoid sharp turns at high speed.
- Do not accelerate when going downhill or when walking the scooter.
- Do not hang heavy objects, such as backpacks, on the handlebars.
- Always hold both handles; do not use mobile devices while riding.
- Be aware of your increased height while on the scooter (e.g., when passing through doorways).
- Do not ride in rainy, snowy, or icy conditions. Ensure the charging port plug is securely closed before use.
- Avoid loose, soft, or obstructed surfaces that may affect stability.



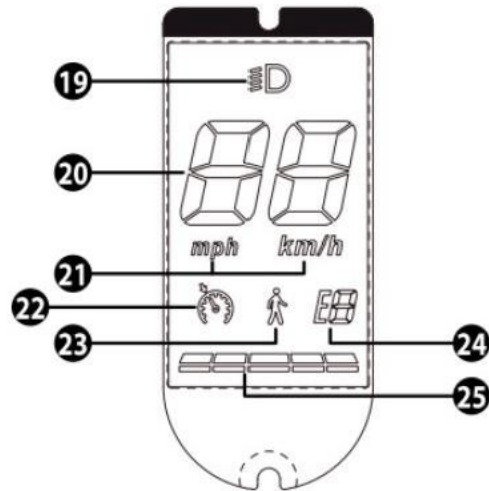
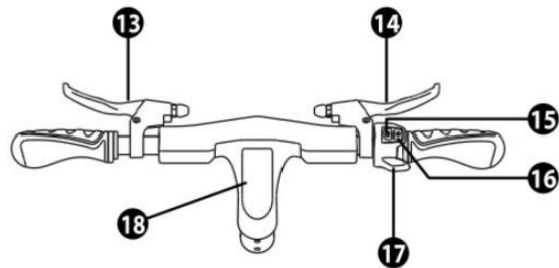
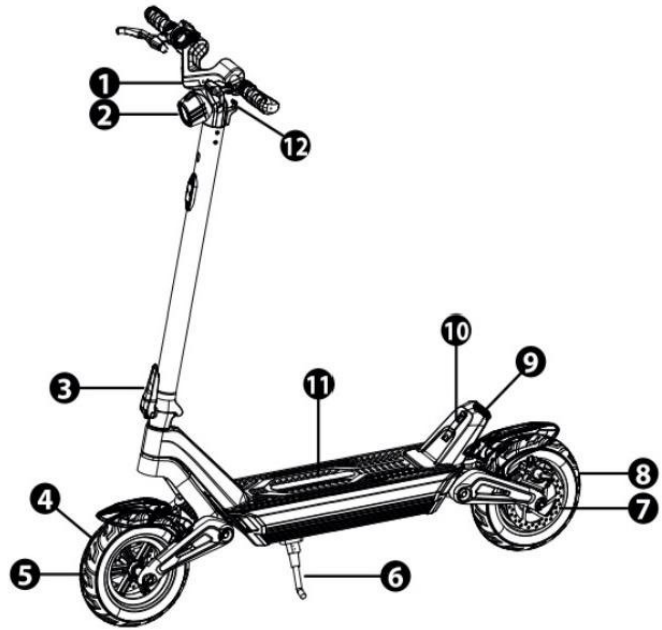
## **Riding Tips**

- Do not operate the vehicle on rainy, snowy, or slippery surfaces (e.g., snow, ice, wet ground). Ensure the charging port rubber plug is securely closed before each use.
- Avoid riding on loose or soft surfaces, or surfaces covered with items that could get caught in the wheels (e.g., thick carpets).
- Avoid areas with pedestrians or obstacles until you are fully comfortable with your riding skills. Make sure you have mastered mounting the vehicle, accelerating, stopping, and turning safely.
- Ensure all parts and accessories of the vehicle are secure and safe before use.
- Wear comfortable clothing that does not block, limit, or restrict movement.
- When learning to ride, it is recommended to use ECO mode for safer, controlled operation.
- Pay attention when riding near cables, cords, or other hazards.
- Slow down when riding over uneven ground to maintain control and safety.

**Warning:** The higher the scooter's speed, the longer it will take to come to a full stop.

#### 4. EVOBIKE DESERT DIAGRAM

1. Front Light
2. Front Lamp
3. Folding Mechanism Lever
4. Front Disc Brake
5. Front Wheel
6. Foldable Kickstand
7. Rear Disc Brake
8. Rear Wheel
9. Rear Light
10. Folding Hook
11. Deck
12. Folding Mechanism Lock
13. Rear Disc Brake Handle
14. Front Disc Brake Handle
15. Mode Button
16. Accelerator
17. Display
18. Front Lamp Indicator
19. Speedometer/Mode Indicator
20. Speed Unit Indicator
21. Cruise Control Indicator
22. Pedestrian Mode Indicator
23. Error Indicator
24. Battery Capacity Indicator



## 5. ASSEMBLY/ ADJUSTMENTS

1. Lift the front pole upward. Close the folding mechanism lever and secure the folding mechanism lock.
2. Install the crossbar onto the standpipe.
3. Use an Allen key to tighten the screws on both sides.
4. After assembly, press the power switch to turn on the vehicle and check that everything is installed correctly.

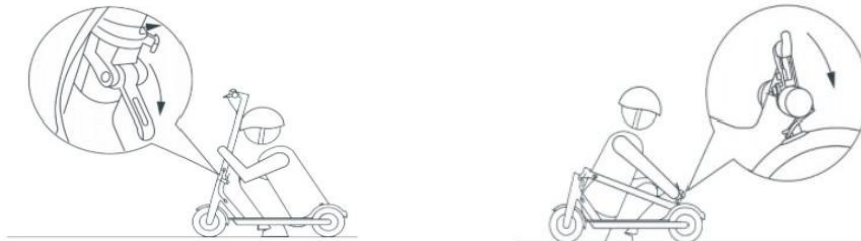
### Folding / Unfolding

#### To Fold the Kick Scooter

1. Open the folding mechanism lock.
2. Pull the folding mechanism lever downward.
3. Lower the front pole.
4. Use the fold buckle and fasten it onto the fold buckle hook to secure the scooter in the folded position.

#### To Unfold the Kick Scooter

1. Unhook the fold buckle.
2. Pull the front pole upward.
3. Push the folding mechanism lever upward.
4. Secure the folding mechanism lock.



### Disc Brake Adjustment

If the braking performance feels too weak or too strong, the disc brake may need adjustment.

1. Locate the brake adjustment screw near the brake caliper.
2. Turn the adjustment screw **clockwise** to increase brake tension and make the brake tighter.
3. Turn the adjustment screw **counterclockwise** to reduce brake tension and make the brake looser.
4. After adjustment, spin the wheel to ensure it rotates freely without excessive resistance.
5. Test the brakes at low speed to confirm proper operation before riding.

#### ⚠ Warning:

Do not overtighten the brake, as this may cause the wheel to lock or reduce riding safety.

## 6. Operation

1. Press and hold the power button to turn on the electric scooter. Check the battery level before riding.
2. Place one foot on the deck and use the other foot to push off and start the wheels moving. Once the scooter is in motion, gently press the accelerator to begin riding.  
**Note:** The scooter features a **non-zero start function**, meaning the scooter must be moving before the motor will engage.
3. Pull the brake lever to slow down or stop the scooter. Avoid braking suddenly, as this may increase the risk of falling.
4. Press and hold the power button again to turn off the scooter when it is no longer in use.

### **Auto Power-Off:**

If the scooter is not manually turned off, it will remain on for 10 minutes, allowing you to resume riding without restarting. If not used during this period, the scooter will automatically power off.

5. **Change the speed limit:** Keep pressing the brake lever, at the same time press the switch button 4 times continuously.

### **Range (Cruising Distance per Full Charge)**

The maximum speed and distance achievable on a single battery charge depend on several factors and may be reduced by:

- **Terrain:** Uneven or hilly surfaces shorten the range.
- **Rider Weight:** Heavier loads may reduce speed and distance.
- **Temperature:** Extreme temperatures, especially cold conditions, reduce battery performance and range.
- **Maintenance:** Proper use, charging, and regular maintenance help optimize speed and range.
- **Riding Style:** Smooth, moderate, and economical riding maximizes range, while frequent starts, stops, and speed changes reduce distance.

## 7. BATTERY AND CHARGING

Always check the battery level before riding. Do not use the vehicle when the battery level is low.

Recharge the battery when the battery indicator shows a low charge.

- Do not use the device if the battery emits odor, excessive heat, smoke, or shows signs of leakage.
- Do not disassemble, puncture, crush, modify, or replace the battery.
- Do not operate the vehicle while it is charging.
- Ensure the charging port is clean and completely dry before charging.
- Charge the vehicle only with the supplied or manufacturer-authorized charger.
- Stop riding when the battery is low to help protect and extend battery life.
- For optimal battery life, keep the battery charge between 20% and 80% whenever possible.
- If the vehicle is not used for an extended period, recharge the battery at least every 4 months.
- Store and charge the device in a cool, dry place.
- Do not charge the battery at temperatures below 0°C or above 40°C.

## Charging

1. Connect the charger to a mains power outlet (100–240 V, 50/60 Hz). The charger indicator will light green.
2. Connect the charger to the vehicle. The indicator will turn red, indicating charging.
3. When the indicator changes from red to green, charging is complete. Disconnect the charger from the vehicle, then from the power outlet.

Do not overcharge the battery, as this may shorten its service life. The maximum charging time is 8-10 hours. If the charging is complete earlier, disconnect the charger.

**IMPORTANT:** After charging, always close the rubber charging port plug securely to protect against water and dust ingress.

Improper handling, charging, storage, or transport of lithium batteries may result in fire, injury, or damage.

## Indicators

The battery level is displayed by 5 LED indicators:

- **100–80%:** 5 LED indicators steadily lit
- **79–60%:** 4 LED indicators steadily lit
- **59–40%:** 3 LED indicators steadily lit
- **39–20%:** 2 LED indicators steadily lit
- **19–0%:** 1 LED indicator steadily lit

**Warning:** Always check the battery level before use. Do not ride the scooter when the battery is low. If one LED indicator is flashing, recharge the vehicle before using it again

## **8. MAINTENANCE**

- Do not clean the device while it is charging or connected to a power source.
- Clean the exterior of the unit periodically using a soft, slightly damp cloth.
- Never use chemical cleaning agents, solvents, or abrasive materials.
- Do not store the vehicle with a very low or fully discharged battery. Charge the battery before storage to prevent over-discharge caused by long periods of non-use.
- If the vehicle is left unused, it is recommended to recharge the battery every 2 months to maintain battery longevity.
- Do not wrap, cover, or place the vehicle back into packaging immediately after charging. The device may still be warm, which could pose a fire risk.

## 9. SPECIFICATIONS

Operating Parameters	Desert 500	Desert 1000	Desert 1600
Display	Multi colour display		
Age	16-50 Year old		
Max Load	120kg		
Height	160-200cm		
Max Speed	20 & 50km/h		
Max Speed Default	50 km/h		
Speed options	Pedestrian/ Eco/ Drive/ Speed Default: 6/15/258/50 Km/h Alternativie: 6/10/15/20 km/h		
Motor Power	500W	1000W (2*500W)	1600W (2*800W)
Motor Tye	Brushless		
Battery Size V-A/ Wh	48V - 13,0A	48V - 15,6A	48V - 18,2A
	624Wh	748,8Wh	873,6Wh
Range Single motor	50-55km	60-65km	70-75km
Range Double motor	--	35-40km	40-45km
Range notification	*Range Varies according to soil, speed and weight*		
Maximum Slope	15%		
Tire Size	10"		
Tire Type	Tubeless		
Brake	Mechanical brakes		Front & Rear Hydraulic discbrakes
Lights	Front, rear and decklights		
Frame	aluminium		
Suspension	Front and rear suspension		
IP rate	IPX4		
Operation Temperature	-10 - 45°C		
Temperatue of Storage	0 - 45°C		
Charger Input Voltage (VAC)	100-240V - 50/60Hz		
Charger output Voltage (VDC)	54,6V .... 2.0A		
Charging Time	7-9 hours		
Size Folded	121*62*54,5 cm		
Size Unfolded	121*62*128,5 cm		
Netto Weight	26,5kg	29,8kg	30,9kg
Gross Weight	30,5kg	33,8kg	34,9kg



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