

# User Manual

**TIFGALOP**



**T108**

# Foreword

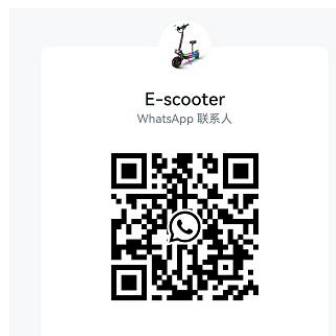
Respected user:

Thank you for choosing our electric scooter. Please read the operation manual :

- 1. Fully charge before using for the first time.**
- 2. The red number on the key lock shows the voltage: 67V is full power, 50V is no power.**
- 3. Riding in deep water is strictly prohibited.**
- 4. Prohibition of unauthorized modification of vehicles.**
- 5. Please wear a safety helmet when riding and pay attention to safety!**

**If you have any questions, you can consult us through the contact information below!**

1



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# Folding instructions

1. Pull the safety button
2. Step on the folding button with your foot and raise the handlebar
3. Close the handles on both sides, and then tighten the screws in the middle



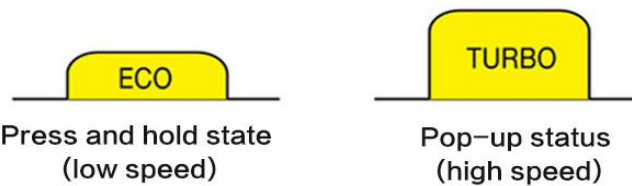


# Instrument and function introduction

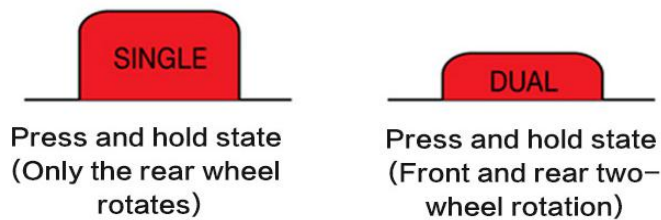


## switch state



Yellow button: vulgar / high speed driving mode selection button





Red button: single/dual motor system selection button




## 1.Buttons


There are two buttons on the display panel, namely power button / boot button  and function button / mode button .




## 2.Use

Long press  to turn on the power,  the battery power and speed are displayed instantaneously according to the running status of the scooter, and the single mileage and cumulative mileage in the display are displayed according to the selected function.

After the display panel is turned on, if there is no signal input for a long time (3 minutes), the panel will automatically turn off the power; when the panel shows CA 2:00, it means that it enters the countdown state, and will shutdown after 2hours.

Short press  the function button to change the display content. The characters TIME, TRIP, ODO, DST, VOL, CH 2:00 and so on appear respectively. When appeared TIME, it means time, when appeared TRIP, it means single mileage, when appeared ODO, it means accumulated mileage, when appeared DST, it means remaining mileage (the electric scooter can still run range is based on the current battery remaining capacity and the running status of the electric scooter in the last few minutes). When VOL is appeared, it indicates the battery voltage; when CH 2:00 is appeared, it indicates that it has entered a 2-hour shutdown countdown state (some models do not have this). As time passes, the time display decreases.


Long press  function button, clearance the single mileage (under TRIP content).

Short press  power button, the gear number will flash, then press  mode button will change the gear, 1 is slow speed, 2 is medium speed, 3 is faster speed gears. When the panel is turned on, long press  power button to turn off the power.

## 3.Parameter setting

When  function button and  power button at the same time, the panel parameter setting state is entered:

When P0 is displayed, short press  the function button again, P1 will be

displayed, and then short press  function key, P2, P3, P4, P5, P6, P7 will be displayed in turn; And they respectively indicated :

P0: the wheel diameter setting;

P1:the underpressure point setting;

P2: the magnetic pole logarithm setting;

P3: the speed measurement signal selection setting;

P4:KM or MILE selection setting;

P5: the non-zero start and zero start selection setting;

P6: the cruise and no cruise selection setting;








P7: the soft start and hard start Choose settings



P8: 100% speed limit ratio





P9: ebs brake intensity adjustment

Correct parameter setting table:





P00	11
P01	60V:50
P02	14
P03	1
P04	0
P05	0
P06	0
P07	0
P08	100
P09	2

- When P0 is displayed, short press  power button, the wheel diameter will be displayed. To change the wheel diameter, press  function button to increase by 1, or press  power button to decrease by 1. After a few seconds, it will automatically exit.
- When P1 is displayed, short press  power button to display the voltage value of the battery undervoltage point; if it displays 315, it means that the undervoltage value is 31.5 volts; to change the undervoltage value, press  function button to add 0.5, press  power button to decrease 0.5;
- When P2 is displayed, short press  function button, the number of pole pairs of

the motor will be displayed,. You can press  function button to increase 1 or you can press  power button to subtract 1;

- When P3 is displayed, short press  power button, it will display 0 or 1; it indicates the speed measurement signal selection setting. When 0 is displayed (0 is generally selected), it indicates that the motor Hall signal is selected for speed measurement. When 1 is displayed, the external signal is selected;
- When P4 is displayed, short press  power button, it will display 0 or 1, indicating km / mile selective setting. When 0 is displayed, select kilometers, km / h will be displayed; when 1 is displayed, select miles, mp /h will be displayed;
- When P5 is displayed, short press  power button, 0 or 1 will be displayed, indicating the choice of zero and non-zero start (some models do not have); when 0 is displayed, it indicates zero start; when 1 is displayed, PAS will appear, indicating non-zero Zero start;
- When P6 comes out, press  power button, it will display 0 or 1 (some models do not); it means there are cruise and no cruise options, when it shows 0, it means no cruise; when it shows 1, it means there is cruise;
- When P7 is displayed, 0 or 1 will be displayed, indicating hard start and soft zero start selection (some models do not); when 0 is displayed, it indicates soft start (soft when starting<sup>1</sup>); when 1 is displayed, it indicates hard start (great momentum at the start).

#### 4. Fault display

When electric scooter broken down, the display panel will show the failed accessories, including brake failure 、 motor failure 、 handlebar failure 、 controller failure  etc.



## **Check before riding**

1. The saddle must be adjusted in the correct position and the bolts must be locked.
2. The indicator is correct, the lamp and horn work normal.
3. The brake lever must be flexible and reliable, and the motor can be powered off when braking.
4. The accelerator works flexibly and the reset function is normal.
5. The tires of the front and rear wheels have sufficient air volume without serious wear and tear.
6. Flexible steering function without hindrance.
7. The front and rear wheel nuts are tight not loose.
8. Check whether the battery is fully charged before riding or whether the remaining battery is enough to ride.
9. Whether the folding switch of the scooter rod is fastened.

## **How to use the charger correctly**

1. When charging with the charger, the charging port of the scooter should be connected first. (Please align the the output port of the charger with the scooter's charging port).
2. The charging place should be far away from children, and ensure that the charging environment is ventilated, dry, and away from flammable and explosive materials.
3. Please be sure to use the company's special charger for charging, otherwise it will affect the life of the battery or damage the battery.
4. The maximum continuous charging time shall not exceed 18 hours.
5. It is forbidden to connect the charger to the power supply without load.
6. After the charging is completed, you should first pull out the power plug before pull out the plug of the scooter .
7. After the power is turned on, the red light indicates that the charging is in progress. When the charger indicator turns to green, the charging is completed.

# Safety instructions

1. This product is limited to one person, do not carry other people at the same time.
2. It's better to wear safety helmets and other protective equipment when riding this product, pay attention to riding safety.
3. Please practice in the flat and wide outdoor place with low traffic flow first, and then drive on the road after you are proficient in the product.
4. Never ride this product in an unsafe or illegal place, and use it in accordance with local traffic laws.
5. Do not turn off the power while riding the car.
6. Do not try to directly pass the steps with a gap of more than 5 cm, it may cause the car to overturn, causing human injury or damage to the car. For steps below 5 cm, try to avoid them. Try to ride on flat road.
7. Do not use this product in an environment below  $-5^{\circ}\text{C}$ .
8. Keep your feet on the scooter as far as possible (and the support stand is retracted), and pay attention to balancing your body's gravity.
9. When passing rough or uneven roads, please slow down and drive carefully.
10. Never ride scooter on the surface with oil or ice, beware of slipping, safety first.
11. The user must adjust the height of the product to an appropriate position, and all parts that need to be locked must be locked, check it before riding, otherwise it will cause injury or damage.
12. This product is waterproof, but not completely waterproof. Do not immerse the product in deep water or be directly sprayed with water, as it may cause motor and circuit failures.
13. Before riding, you must check and confirm that the brakes, frame, handlebars, wheels, saddles and other components are securely locked to avoid accidents.
14. The electric scooter should avoid being placed in a place where the air is humid and the temperature is too high as much as possible. Avoid prolonged sun exposure and rain to avoid damage to the electrical components in the vehicle, resulting in operation failure and accidents.

# Regular Inspection & Maintenance

**A: Check      S: Adjust      D: Replace      L: Lubricate      T: Tighten**

<b>Inspection Items</b>	<b>60 days</b>	<b>180days</b>	<b>360days</b>
Whether the handlebar rotates and whether the steering parts are loose or worn	S/T	A/T	A/L
Whether the tire is properly inflated and the tire is worn	A	A	D
Front and rear axle gears, wheel axles are deformed or worn	T	A/L	A/L
Whether the brake pad is worn		D	D
Whether the rim is deformed or deflection		A	A
Whether the frame and front fork are deformed or bruised		A	A
Is the braking effect good?	A	A	A
Whether the horn and headlights are working properly		A	A
Whether the charger or charging plug is damaged		A	A
Whether the normal tightening screws are loose	S	S	S

## Common Faults & Troubleshooting Methods

No.	Specific failure conditions	Cause of issue	Solution
1	The display panel cannot be turned on	The anti-theft device or key lock is damaged	Replace the anti-theft device or key lock
		The battery voltage is too low	Fully charge the battery
		Blown fuse	Replace fuse
2	Can be turned on but the motor does not work	Poor battery wiring	Check and connect
		The connection of the motor terminal is abnormal	Check and connect
		The signal line of the panel is loose	Check and connect
3	Insufficient cruising range	The wheels are flat	To inflate
		The battery is aged or damaged	Replace the battery
		Charging is not full	Check the charger and battery power
		Driving against the wind, many hillsides, heavy weight	Driving on flat roads
4	The charger cannot be charged	The charging plug is not plugged in	Check and clean the plug
		The charger is damaged	Replace the charger
		The battery is damaged	Replace or repair the battery
5	Other problems	When the fault cannot be eliminated according to the above guidelines	Contact supplier or repair station
		When the internal damage of the motor, controller, battery, etc.	please do not open it without authorization, you may lose the warranty

## After-sales service

<b>Part Name</b>	<b>Service Term</b>	<b>Warranty</b>	<b>Approach</b>
Motor	6 months	Failure in normal use	1 year warranty for non-human damage
Battery	6 months	Failure in normal use	Normal attenuation is not covered by warranty
Instrument accelerator	6 months	Quality issues	1 year warranty for non-human damage
Controller	6 months	Quality issues	1 year warranty for non-human damage
Charger	6 months	Quality issues	Non-human damage can be guaranteed
Trumpet	1 months	No sound	Non-human damage can be guaranteed
Frame	6 months	Desoldering, non-artificial fracture	Non-human damage can be guaranteed
Tire	1 months <sup>1</sup>	Air leakage (non-artificial or pierced)	Non-human damage can be guaranteed
Shock-absorbing front fork	6 months	Performance failure	Non-human damage can be guaranteed
Lamp pedal	3 months	Performance failure	Non-human damage can be guaranteed
Power lock	1 months	Non-human damage failure	Non-human damage can be guaranteed
<b>Note: trade-in for the new one (within the warranty period)</b>			

<b>No.</b>	<b>What is not covered by the warranty</b>
<b>1</b>	The warranty period has expired or no car purchase certificate
<b>2</b>	Commercial rental cars are not warranted
<b>3</b>	The gifts are not covered by the warranty
<b>4</b>	Unauthorized modification, damage caused by replacement parts
<b>5</b>	The consumables of consumables are not guaranteed after one month, and if the consumables are damaged and are not replaced in time, the related parts will be damaged.
<b>6</b>	Improper maintenance of users or damage to parts caused by collision damage, water ingress, burnout, overloaded use and other expenses caused by abnormal riding are not warranted
<b>7</b>	Damage caused by force majeure factors such as natural disasters will not be guaranteed

**Thank you for reading this instruction manual carefully, please pay attention to the inspection and precautions before riding, thank you for choosing our products, and wish you a satisfied journey!**

