

## Electric Scooter User Manual

### T8 Electric Scooter Use Manual

Thanks for choosing us. To make your E-Scooter up and start enjoying an exciting experience, please read this manual carefully.

Thank you for choosing us. To get your electric scooter started and start having an exciting experience, please read this manual carefully.



WE ADVISE YOU TO READ THIS MANUAL CAREFULLY BEFORE USING YOUR E-SCOOTER



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## General safety directive

~ This is a product, not a toy. When driving an electric scooter, wear protective gear (helmet, hand, elbow and knee protection devices).

~ Don't move your handle from the handlebars or use the phone while driving.

~ Do not do dangerous action or one-hand driving, and place your feet on the scooter.

Make sure you know the local regulations before you use your electric scooter. Such vehicles cannot be operated on narrow sidewalks.

You can only ride an electric scooter alone. The law forbids more than one person from riding the same electric scooter simultaneously.

Only use the original brand accessories. Private modification is strictly prohibited.

~ Don't remove your electric scooter at will.

The higher the electric pedal, the greater the braking distance. On some flat roads, emergency brakes cause the scooter to slip, lose balance and even fall down. Therefore, when driving a scooter, you must be vigilant at the appropriate speed at a safe distance from pedestrians or other vehicles

Avoid fast acceleration / slow acceleration and body tilt acceleration.

Do not use your electric scooter on rainy days or in a 4 cm puddle, in danger of motor immersion; avoid extreme temperatures.

~ Don't close the electric scooter to the fire.

On an electric scooter, do not try to jump up or off; let alone use an electric scooter.

~ Don't hang heavy objects from the handlebars.

Before each use, thoroughly check the whole device, such as motor, front wheel, folding joints, etc., whether the locking screws are fastened and reliable. Do not drive at will before correcting any problem.

~ Any electric scooter that doesn't work properly can be in danger.

Don't try to jump the kerb / highland more than 3 cm away because it can cause damage to the driver or scooter.

We recommend you not use electric scooters on rough roads and ground because it increases the likelihood of tire damage.

Do not charge outside or use this product below -5°C.

Pregnant women and the disabled people, people with heart problems, should not use this product

An electric scooter is a way to move alone. Our technology and production processes are both been developed and validated through very rigorous testing.

. Failure to operate the electric scooter with the instructions in this manual may damage the product or cause human damage.

## **Battery safety instructions**

Batteries should not be exposed to overheated environments such as sun, next to fire or similar high temperatures. There is a danger of an explosion.

If not used for more than 30 days, be fully charged.

~ If not used for a long time, the battery should be fully charged every 90 days. Otherwise the battery will discharge itself and be damaged.

~ If the battery releases a strong smell or heat release, stop using the product immediately. Do not privately open the product shell privately, let alone try to remove the battery.

The next battery should be handled properly and safely.

## **Battery charger for safe use**

Chargers are not suitable for children and people with psychological disorders.

Carefully check the power plugs and cables for damage before use.

~ It must be charged with a charger matching the product. Charger cannot be abused.

~ Product charging must be conducted in a well-ventilated environment. Once the battery is fully charged, the charger should be disconnected immediately.

Disconnect the battery and charger and cool it down before cleaning, storing, and shipping.

Do not damage the products to the wife charger to avoid electric shock.

Protect the charger and other electrical components from damp. Do not soak them in liquid when cleaning or in use.

1. Do not remove the charger privately. Maintenance must be carried out by professional and reliable personnel.

Incorrect assembly may cause a fire or electrical shock.

Do not charge near flammable and explosive items. There is a danger of a fire and an explosion.

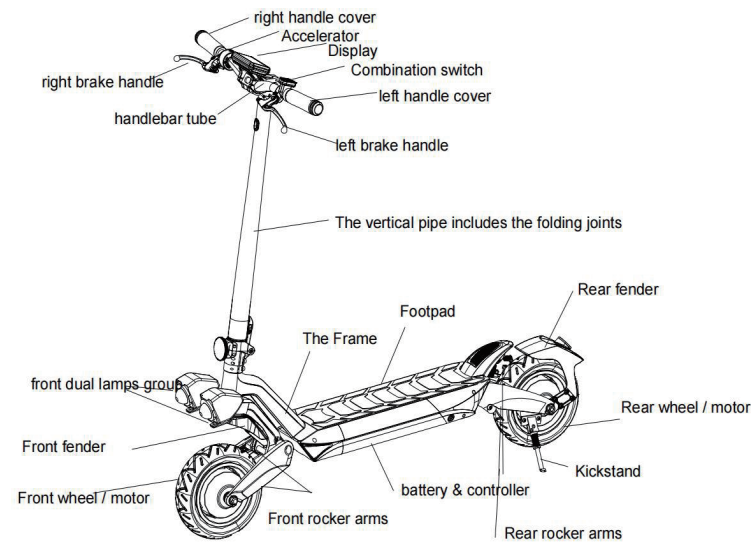
When using the charger, ensure that the charger and the charging port are well connected, correctly and not blocked by external objects.

~ Make sure to place the power cord where no one will mix up, step on, or damage. Avoid causing harm to people or things.

1. Do not charge them near flammable and explosive items

Vehicle technical data

List of whole vehicles and accessories



Whole-vehicle

The Project	Content	Parameters
Vehicle parameters	Expand: Long, width and height	1247X675X1170
	Folfolding: length, width and height	1247X675X556
	Net weight	29Kg
	Top speed	25Km/h
	Range age	45~55Km
	Climbing ability	30 degrees
	Adapto the terrain	Both cities and mountains are available
	Operating temperature	-10~40 degrees
	Storage temperature	-20~40 degrees
	Waterproof rating	IP54
	Charging time	8 ~ for 10 hours
Battery	Rated voltage	48V

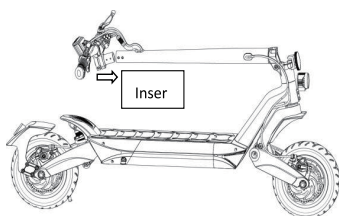
parameters	Rated capacity	15Ah
Motor parameters	Motor dimensions	In the 10 inches
	Maximum torque	32N
	Rated voltage	48V
	Rated power	800W
	Maximum power	1000W
	Motor control mode	The DC flow is brushless
Brake	Brake braking mode	Front and rear mechanical disc brake + power off
	Brake stop distance	<4.57 m
Outer fetus	Outer fetal form	10X2.75X6.5 vacuum tire
	Outer tire pattern	Off-road pattern or road pattern
Charger	Output power	84W
	Input the voltage	100V~240V
	Output voltage	54.6V
	Output current	2.5A
	Maximum load	120KG

## Use Manual

### Use the operating steps for the first time

This section provides information about how to use the product correctly. Following these instructions is necessary for the safety of the user and the service life of the product.

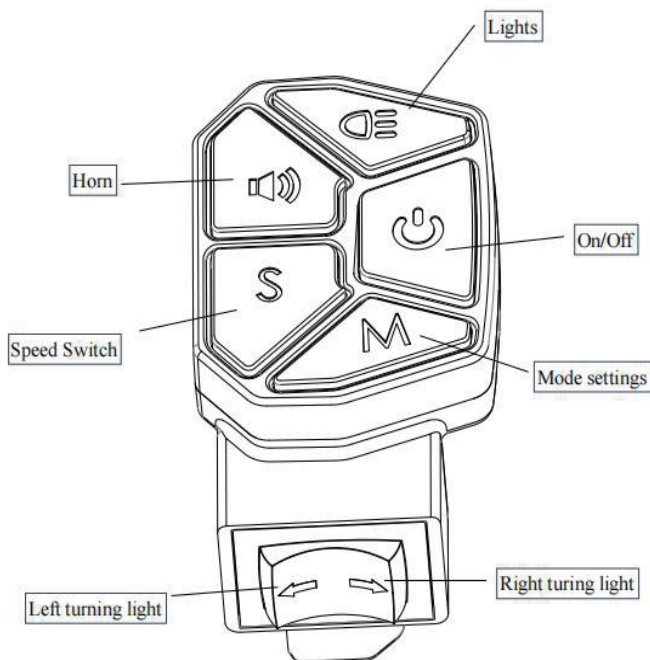
1. Insert the handlebars assembly at the fold large tube and lock the 4 screws.
2. Close the fold plug, buckle the lock, and twist the lock tightly.



Insert the handlebars assembly at the fold large tube and lock the 4 screws.



Close the folding plug, buckle the latch, and screw it tightly



**On/Off switch:** Press 2 seconds to turn the scooter on or off.

**Lights switch:** One click the lights switch, all lamps are bright; one click the lights switch, all lamps off. On the dual motor drive scooter, two click the light switch, change to single/dual motor drive.

**Horn switch:** Hold the horn switch and horn sound, release the horn switch and stop the sound.

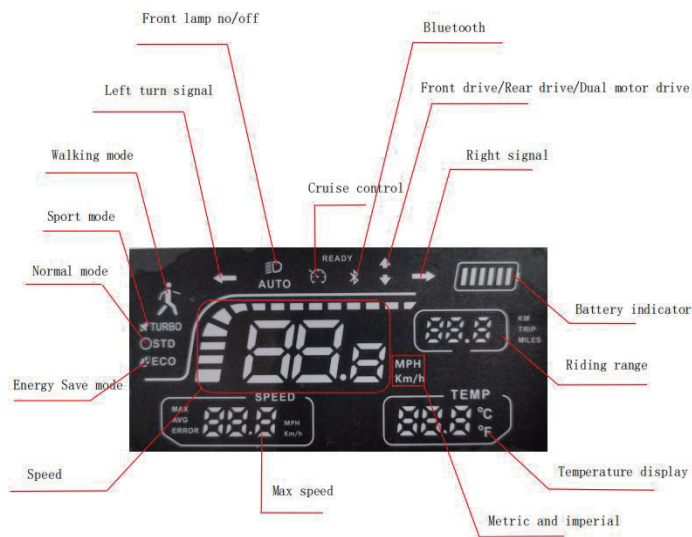
**Speed switch:** click the speed switch button, switch from the default middle speed shift, click the speed switch button again, switch from high speed to low speed gear; click the speed switch button again, switch from low speed to medium speed gear; cycle repeatedly.

**Mode settings:** Metric ~ English switch

**Left turning switch:** press the left turning button, the left turning light flash; press the right turning button, the right turning light flash.





## Instrument panel display






Power display: Six led lights on the display show battery power.

When 6 led bright, charge between 100% and 90%, and when 5 led's light up, power between 90% and 70%.

When the battery runs out, five led lights turn off (one on, red warning) and the scooter slides to a natural stop due to inertia. So you have to charge it very soon. It is recommended not to drain the battery by 100% and charge it before use.

For left and right steering (conventional generic, used with the 7-key multifunctional switch), when the multifunctional turn key to the right  turn gear, the lower right turn light flashes, when the turn left , the multifunctional turn key to the right turn gear, and the lower right turn light flashes.



Double-drive mode: T8 double-drive, double-click the headlight  switch button of the multi-function switch, , at this time the vehicle is dual-drive mode.


Bluetooth connection: The display board has display symbols , indicating that some have APP function and can be connected to mobile Bluetooth. The car can be controlled on the mobile phone.

When READY: turns on, the word "READY" appears on the instrument display to remind riders to wear a helmet and sheath and abide by traffic regulations when riding.

Cruise at cruise speed: turn on the cruise speed function, you can release the acceleration handle, the vehicle walks at a uniform speed. After the brake stops, press the acceleration bar again, and the vehicle returns to the

initial state.

Next Light: After the vehicle is powered on, press the headlight switch button  for clicking the multi-function switch. Symbols  appear on the instrument display, when all the lights of the vehicle are turned on.

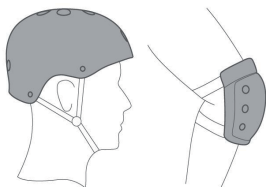
Pedestrian mode: symbols  on the instrument display when the vehicle speed is less than 6Km/h.

: Maximum speed: It shows the highest speed of the whole ride.

: Current speed: The display shows the current speed during cycling

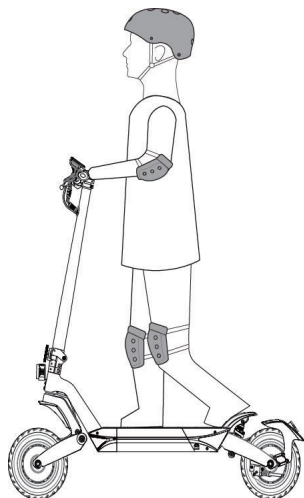
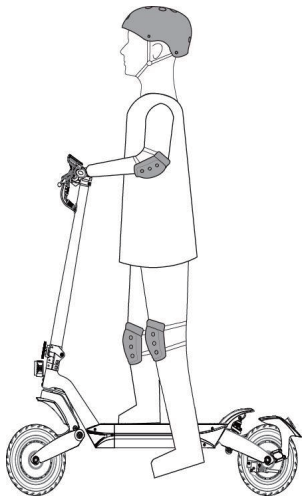
~ Single mileage: Show the current mileage during the ride, and automatically return to zero after turning off the power supply.

### Cycling operation



Wear your helmet and sheath before riding to avoid falling and getting hurt.

- 1、 Press the power switch and turn on the vehicle power supply to confirm that the power is sufficient.
- 2、 Standing on one foot on deck, press the acceleration finger to let the car go, and put the other foot on deck.



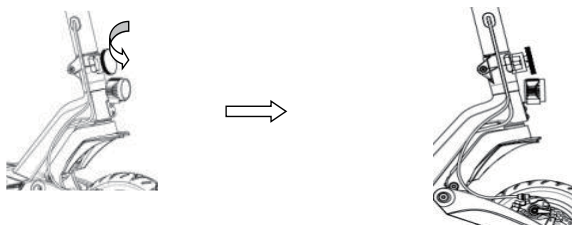
3、 Press the acceleration refers to the acceleration, upward release is deceleration, encounter emergency need to brake, brake rear brake, rear brake front brake, or at the same time, emergency

brake, do not only brake the front brake.

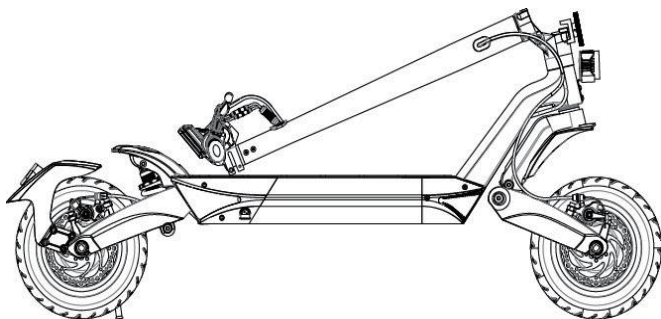
4、When turning, please slow down and turn the handlebars slowly.

**Fold the scooter:**

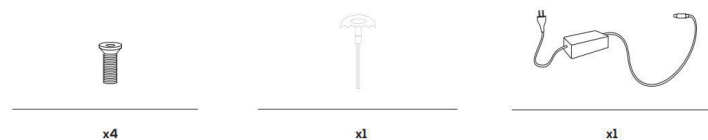
- 1、Turn the fold connector knob counterclockwise until the fold connector buckle no longer holds the connector;
- 2、Fold the handlebars and tubes to the rear.



**Package contents:**



**Annex**



1 vehicle; 4 M5\*P0.8 screws, 15 # internal hexagon wrench, 1 charger

**With APP vehicle fault code and fault handling:**

Scooter fault code and fault handling		
Error code	Failure description	Maintenance and treatment
4	Short-circuit fault	Check for the wrong line or installation for a short circuit, exclude the short circuit or replace the controller

9	Secondary motor communication has failed	Check whether the connection line between the secondary controller and the main controller is well connected.
10	Dashboard communication has failed	Check whether the instrument panel and controller assembly cables are normal, turn off, remove the assembly line interface, check the plug-in for slanting and loosening, and insert again after processing. Power on, replace instrument or controller.
11	Motor current sensor is abnormal	Check the motor and the phase line portion of the controller
14	Accelerator Hall exception	Check whether the accelerator is completely reset, check whether the accelerator and connection line are normal, can disconnect the acceleration connection line, and restart to exclude exceptions.
15	The brakes put Hall abnormal	Check whether the brake handle is completely reset, can pull out the electronic brake cable, restart, troubleshooting.
16	Motor Hall exception	Start-up fault, check whether the motor Hall wiring is normal, shut-off, pull out the assembly line interface and check whether the plug-in is crooked, or bad contact, correct, restart and troubleshooting
19	Secondary motor Hall exception	Check the secondary motor Hall wiring for normal, check the replacement motor or controller to eliminate problems
21	The BMS communication is abnormal	
50	Bus line high voltage	The voltage of the main line is too high, and the fault is turned on. You should check whether the battery voltage is normal and faulty during cycling. You should replace the battery or controller to eliminate the problem
53	System overload	Beyond the system load, restart, start up failure, the controller should be replaced to eliminate the problem
55	Controller high temperature alarm	The controller temperature is too high, static let the car to cool and then restart. If the startup fails, replace the controller to eliminate the problem.