



---

# Z80

## 13inch Dual Motor E Scooter Manual

---

### 1. The main components:



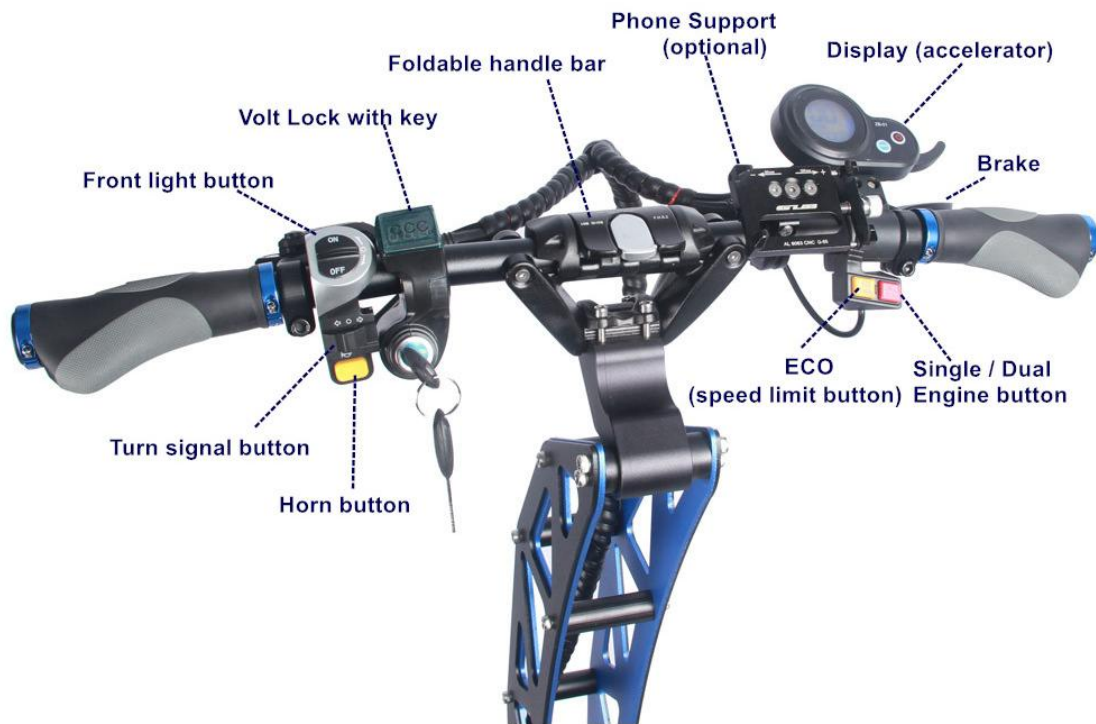
## 2. The main technical parameters

Parameters		
<b>Performance and specifications</b>	Maximum speed	About 85-120km/h (depend on scooter Motor power)
	Maximum mileage	60-130km(depend on Battery Capacity)
	Maximum Load	About 180-200kg
	Scooter weight	About 55kg(depend on model & battery)
	size	135*69*150 cm (Open Size) 146*69*58 cm (Folded Size)
	Start form	Factory default zero start
<b>assembly unit</b>	Motor (brushless motor)	60v/72v 4000W x 2pcs
	Battery Voltage	60v/72V
	Instrument	Multifunctional LCD instrument
	Headlight	LED Headlights (with Horn)
	Breaker	Front and rear Brake by Fluid
	Break Handgrip	Power brake
	Front and rear wheels	Inflatable ( 11inch )
	Plastic parts	Environmentally friendly high-strength plastic parts

### Disclaimer:

Please abide by the relevant laws and regulations of the local bike ride , The Company are not responsible to all the consequences of speeding up for personal reasons.

### 3. Scooter Handle




### 4. Equipped with double driving with instructions



## Display User's Manual



---Buttons


Total 2 buttons : One is  Power button;

Another one is  Mode button.



---Instructions

Press  Power button to Turn on or Turn off Display;  Show battery level ; Speed show real-time speed for the scooter. Range for Single mileage, accumulated mileage can showed by Mode button to choose.

Press  Power button for short time, it will show different content; It have :

ODO, TRIP,VOL,CUR,TIME... ;


ODO: Means accumulated mileage;

TRIP: Means Single mileage;

VOL: Means Battery rear-time Voltage;



CUR: Means Battery rear-time Current;

TIME: Means Time from Turn on;

Press  Mode button for short time, the Gear(Speed Gear; 1, 2, 3)

Gear 1 is Lowest; Gear 2 is middle speed; Gear 3 is Fastest.

## Parameter settings

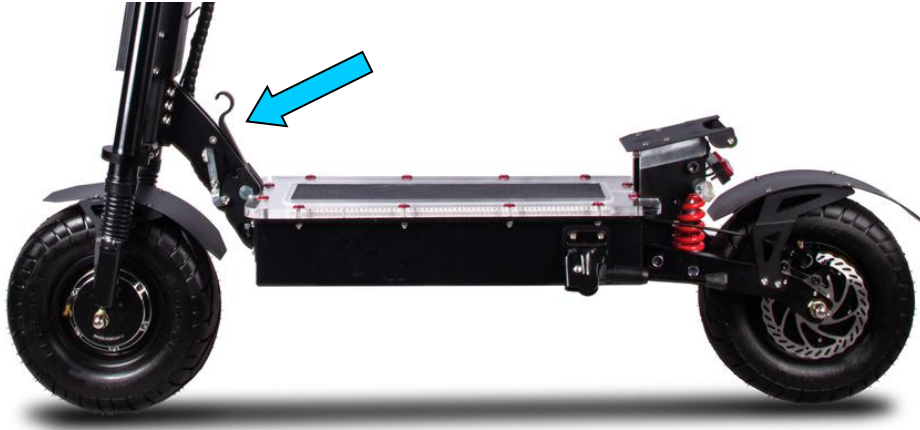
When Press  Mode Button and  Power button at the same time. It will Enter Parameter Setting :

Menu	Description		note
P01	Backlight brightness, level 1 is the darkest, level 3 is the brightest;		
P02	Mileage unit, 0: KM; 1: the MILE;		Unused
P03	Battery voltage grade: the default 60V 、 72V;		
P04	Sleep time: 0, no sleep; Other Numbers are sleep time, range: 1-60; Per minute;		
P05	Power assist system gear: 0-3;		Unused
P06	Wheel diameter: unit, inch; Accuracy: 0.1; If speed is not accurate, change this value.		

P07	Speed measurement magnetic steel number: range: 0-255;		15-16
P08	Speed limit: range 0-100km/h, not open		Unused
P09	Zero start, non-zero start setting, 0: zero start: 1: non-zero start. Power output is available when the vehicle speed reaches 5km/h:		
P10	Drive mode setting 0: power drive (determine how much power is output through the power gear, at this point the handlebar is invalid. 1: Electric drive (by turning the drive handle, the power gear is invalid). 2: Both power-assisted drive and electric drive coexist at the same time (under zero starting state of electric drive is invalid).		Unused
P11	Power assist sensitivity setting.		Unused
P12	The power-assisted start intensity setting.		1 or 2
P13	Type setting of booster magnetic steel disc.		Unused
P14	The controller's current limiting value is set as the default 12A range: 1-20a		Unused
P15	Controller underpressure value		Unused
P16	ODO reset setting		
P17	0; Not to be able to cruise, 1; Enable cruising; Automatic cruise after 8s(valid for Second protocol only)		
P18	Display speed ratio adjustment range: 50%~ 150%,		Keep the default
P19	0 enable bit, 0; Contains 0, 1; Do not contain 0 file		Keep the default
P20	0: Second protocol 1: 5S protocol 2: unused 3: unused		Keep the default

## 5. The operating instructions for folding

First : take out the Unlock button first;



Then Press the fold button to fold it.



**Pedal LED Sensor**

## **Announcements**

### (1) Safe driving

In the acceleration or deceleration time, be aware to avoid the body's gravity in the hand, to avoid the body forward. The standing posture should be keeping your feet one after the other, thus lead to more secure and stable riding.

A. When turning, the body is parallel to the handle. Please pay attention to the road condition before turning. Be sure it is safe and then turn.

B. When the brakes, the gravity center of body backwards. It is better to learn to control the center of gravity when braking. Otherwise it will cause two situations: the car tilted forward, as well as brake and steering system damage.

### (2) Charging

1. When charging, please put safe place where children can not touch.

2. The red light indicates charging and the green light indicates charging is complete.

3. If you do not use it for a long time, charge it every 2 months.

4. Do not charge in a damp place.

5. Do not run the motor while charging.

6. Avoid contact with the material leak out of the battery accidentally.

7. Failure to store or recharge in accordance with the correct method may result in damage to the battery and no charge.

## **6. Announcements**

### (1) Safe driving

In the acceleration or deceleration time, be aware to avoid the body's gravity in the hand, to avoid the body forward. The standing posture should be keeping your feet one after the other, thus lead to more secure and stable riding.

A. When turning, the body is parallel to the handle. Please pay attention to the road condition before turning. Be sure it is safe and then turn.



B. When the brakes, the gravity center of body backwards. It is better to learn to control the center of gravity when braking. Otherwise it will cause two situations: the car tilted forward, as well as brake and steering system damage.

(2) **Charge Steps:**

**When charging the scooter, pls connect the scooter first. then connect the plug with the electricity.**

**When stop charging, pls remove the Plug from electricity ,then remove charger from charge port.**

1. When charging, please put safe place where children can not touch.
2. The red light indicates charging and the green light indicates charging is complete.
3. If you do not use it for a long time, charge it every 2 months.
4. Do not charge in a damp place.
5. Do not run the motor while charging.
6. Avoid contact with the material leak out of the battery accidentally.
7. Failure to store or recharge in accordance with the correct method may result in damage to the battery and no charge.

## 7. After-sales maintenance

- (1). In 30 days, when breakdown due to quality problems once

confirmed, We will send free spare parts,we will pay shipping cost.

(2). In 1year; when breakdown due to quality problems once confirmed,We supply free spare parts,shipping cost paid by customer.

(3) Please refer to the warranty form for other specific warranty

**Note:** The following conditions are not a quality issue and do not apply to warranty terms. Agents can provide maintenance services at a cost and maintenance fee.

1. Failure to follow the instructions and precautions
- 2.Improperly assembled or malfunctioning by improper maintenance by the user
3. Breakdown occur after repair in none Company's network, or the replacement of the original parts of the Company product.
4. Due to wear and tear of the consumables, while the none appropriate replacement maintenance in time, other parts failure and damage occurred.
5. Due to foreign objects puncture or impact, tire leakage or puncture occurred.
6. Damaged due to overload, or through obstructions and extreme movement.
7. Damage due to force majeure (eg, fire house, earthquake, lightning, water damage)
8. Belong to normal use / natural wear parts, do not provide free

warranty service

## 9.The warranty reference for Electric Scooter

Product name	Warranty year	Warranty coverage
Pole	A year	/
Footboard	A year	/
Folding Handgrip	A year	/
Battery	Half year	/
Motor	A year	/
Multifunction instrument	A year	/
Others	none	none

**Note:** Damage caused by human factors is not covered by the warranty. In the free warranty period, we do not charge maintenance fees. (Note: not include material costs) But the resulting transport costs borne by both parties. The company has the final interpretation.

### User warranty card

User name		Purchasing date	
Tel		Address	
Product name		Model	
Purchasing store		Breakdown description	

**Note:** Due to the company's product upgrades, may part of the display of the product content you get will be different from the instructions, but will not affect your normal use.

