

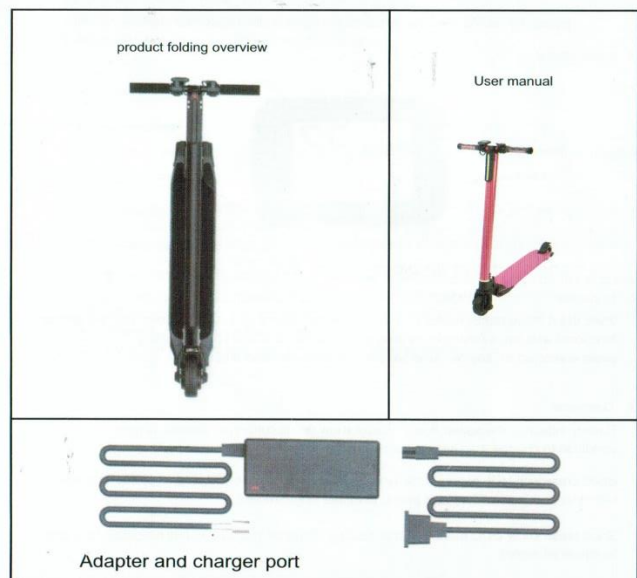
## USER MAUAL



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### 1. product and accessories



## 2. Instrument menu

please be careful read below functional figure before operation Vehicle.

### 1. meter shape



### 2. keyboard

there are 4 instruments, switch and exchange key, speed up key, slow down key, the different functional and role exchanged by long press the key and short press the key. press combinatl on any two keys will perform other function and role.

### 3. Operation

Battery indicator, the speed figure rapidly show out according to vehicle running condition to change, can set up in single mileage and multi mileages.

Short press with VOL means batte ry voltage, short press with dis, means in this time ride kilometer in this condition, long press, to delete single record.

Short press show ODO means overall running kilometer you had, in this condition, long press to delete all record .

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Short press, indicates RPM, means the motor spin speed  
Short press indicates TIME, Means in this time ride time.  
Short press 1 key or key, modify assistance drive.  
Long press, turn on or turn off instrument indicator.

### 4. Parameter set up

press + key, go into set model, user can set up shortage voltage, light wheels, speed signal.

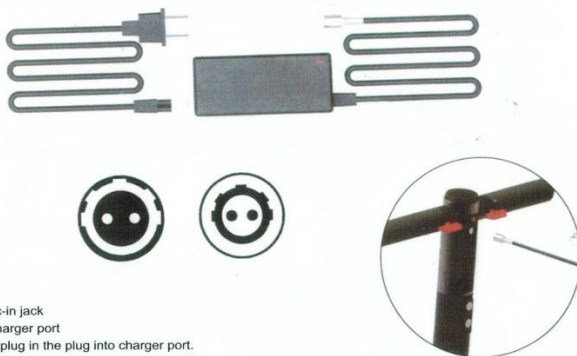
- Shortage of volatage set up: While the display indicate set, vol and po figure, set up shortage of voltage, throughout quick press key to up or down value.
- Wheel diameter set up: when quick press under display indicates set and pl. Quick press key to up or down value.
- Signal of monjtor speed set up: short press,, under display indicates p3, quick press key set up 1 or 0(0 means none implement this function)
- Motor pole reduce ratio set up: short press key, indicates set, p2 and... , use the Hall signal to replace of speed singal.
- Long press key, to quit set up model and save all changed data.

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## 5. Failing modelindicator

When the vehicle with abnormal status, the instrument may show some parts, like stopper breakdown, motor breakdown or handle bar breakdown and controller breakdown

### 3. charger connecting



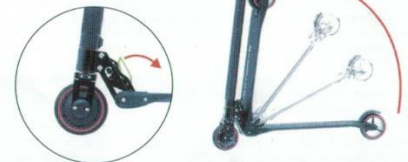
Dc-in jack  
Charger port  
1. plug in the plug into charger port.  
Note: please align charger two ports

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## 4. Folding Steps

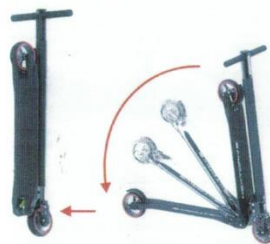
### 1) Fold

- Hold the folded link and pull
- Push down the vehicle body head tube
- Folded after hearing click



### 2) unfold

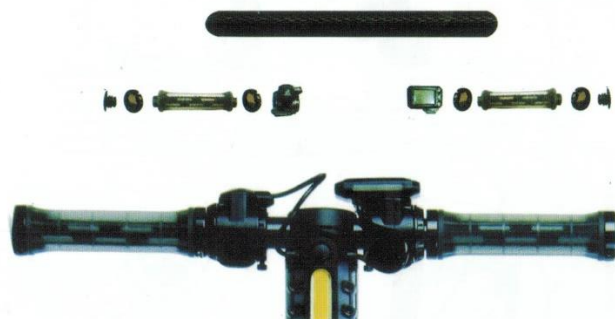
- Stand up the vehicle body and press the "unlock button" with hands
- Lower down the vehicle body pedal
- Expanded after hearing click



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## 5. Steering rod assembly

Screw to remove the assembly, avoid scratching a carbon fiber



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## 7. Daily Maintenance

### Storage and Cleaning

If stains happen on the surface of vehicles, wiping with a soft wet cloth. If there is stubborn stains, you can wipe firstly with a soft cloth smeared toothpaste. Then clean with a Wet cloth.

Reminder: Don't clean with alcohol, gas, kerosene and other corrosive and Volatile chemical solvent, or it will badly damage appearance and internal structure of vehicles, spray washing by pressure water guns is forbidden please keep switched off, unplug the charging cable and clog Charging rubber cover, otherwise, you may get an electric shock or it may result serious problems to the vehicles because of flooding water.

Storing the in the dry and cool room when you don't use it. try to avoid staying it outside for a long time. Outdoor environmental of sunlight exposure, overheating, undercooling will accelerate the ageing of appearance and wheels and reduce life time of batteries.

### Maintenance of Batteries

Please don't send batteries in the environment over 50°C or under 20°C (for example, please don't send or batteries in the car of sun exposure), prohibiting put batteries into fire, otherwise it may cause risk of batteries invalidation, overheating even fire. Please reference batteries nameplate under the vehicles to know the other maintenance considerations of batteries.

To avoid charging after power consistently drained, try to charge early and often it can extend batteries life highly. In addition, using at normal temperatures, batteries can exert higher endurance distance and performance. If using under 0°C, batteries' life and performance will reduce. Typical situation, under -20°C, endurance distance may just halve compared with normal temperature. After increasing temperature, batteries' endurance distance will resume.

Reminder: Fully charged will run out of stored power after 90-120 days in standby mode. The stored power will be ran out of after 20-50 days in standby mode if the is not fully charged. If you don't charge in time, it may cause damage to batteries for excessive discharge, and this damage is unrecoverable. The damage caused by without charge for along time will not charge any more, and it can't be repaired free (Notes: Non-professionals forbid dismounting batteries casually, otherwise, it may cause serious safety accidents by electric shock or short circuit).

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## 6. Safety Instruction

- You must wear helmets and protective body gear when driving.
- Riding to vehicle roads and Crowded residence communities is Forbidden. Prohibit from riding in the ponding over 2cm. Carrying Children or many people riding the at the same time is under ban. You must Can't ride When Walking up and down the stairs or escalators. please keep low speed (3-10 km/h) or stop when encountering speed bump, elevator threshold, pot hole.
- is a sport entertainment tool rather than vehicle. But when you drive it into the public area, it has Vehicle attribute, so it also has safety risk all of the vehicles may exist. Driving according to the reminder of the usage manual strictly will protect your and other's safety maximumly.
- You should understand at the same time: Once driving into public roads or other public areas, you might be face with the risk caused by motoring offences/ improper operations of other people or vehicles, even if you operate as the usage manual totally. Just like walking or riding bikes may be harmed by other vehicles. As all of vehicles, the speed of driving be faster, the braking distance will be longer, emergency braking on the smooth surface may result in losing balance even tumbling because of wheel slip, so keeping alert, proper speed, keeping rational safety distance with other people and vehicles during driving is very important. Please keep alert and low speed before driving into unfamiliar terrain.
- Please respect the right of way when driving. Avoiding scaring pedestrians, especially to the kids. Remind them and decelerate when passing behind the pedestrians. Possibly passing from the left of Pedestrians (applicable to the countries of vehicles keeping to the right), when facing with pedestrians, keeping to the right and decelerating.
- Driving in the countries and areas without national standard and rules related with scooters, you must abide strictly by usage manual's safety requirements to drivers. To the losses in property and human, accidents, legal disputes and other every adverse event of resulting adverse event caused by the behaviors of violating manual's reminder, won't take any direct responsibility and joint liability.
- To avoid hurt, Please don't borrow to the people don't know how to use it. Please teach him/her and tell him/her to wear helmets and protective body gear when driving if you send it to your friends.
- Please check it before riding. If you find obvious abnormal conditions of parts loosening, battery life reducing obviously or excessive wear, sound parts and so on, please stop using immediately please contact our customer service to get professional conduct about product maintenance and service.

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## 8. Model parameters

Performance Indicators	Items	Parameters
Size	Folding Size(mm)	1000*405*235
	Open size(mm)	920*405*1000
	Carton Size(mm)	1030*180*245
	Maximum Load(kg)	90
Weight	Vehicle Weight(kg)	About 6.5/7 (Equipped with 2 kinds of batteries different endurance)
	Applicable Age(years old)	16-50
Riding Requirements	Suitable Heights(cm)	130-200
	Maximum Speed(km/h)	About 23
Vehicle Main Parameters	Typical Endurance(km/h)	About 19/28
	Maximum Gradability	20 Degrees
	Suitable Terrain	Hard surface, flat road, ramps under 20 degrees, step no more than 1cm, channel less than 2cm
	Working Temperature	0°C-40°C
	Storage Temperature	Ten degrees below zero to 45°C
	Waterproof Level	IP55(living waterproof, can be used in the pouring rain)
Battery Parameters	Nominal Voltage(v)	24
	Input Voltage(v)	29.4
	Battery Capacity(mAh)	8800/10400(Equipped with 2 kinds of batteries different endurance)
	Intelligence BMS	Balance, Over-charge, Undervoltage, Overheating automatic cutout
Motor Parameter	Power(w)	50-250
	Certifications	CE, ROHS
Charger Parameters	Rated Power(w)	32
	Rated Input Voltage(v)	90-240
	Rated Output Voltage(v)	29.4
	Rated Current(A)	1.1
	Certifications	CE, UL, SAA
	Charging Time(h)	About 4

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