

USER 'MANUAL

BIYOND



Please read user'manual carefully before riding your electric tricycle

Warning

1. please read this manual carefully before riding in case of any damage .
2. we are not liable for any injury caused by misuse and unsafe operation .
3. if there is any defect of this tricycle , please consult with us directly or contact with our distribution agent where you bought this tricycle. It is not allowed to fix this tricycle by yourself .
4. prohibited to expose battery to torrid sun and leave battery in dampness place .
5. please do not leave battery uncharged for one month, otherwise it will reduce battery life span.
6. please do not ride this tricycle in heavily rainy weather.
7. when make turn please drive this tricycle at low speed in case of overturn.
8. please wear protective gear when riding in order to avoid any injury.
9. maximum weight load capacity: 120kgs.
10. please check all tyres are properly inflated before riding.
11. follow all state and city laws regarding use of electric scooter on roads.

Product structure details



- | | |
|---|--|
| 1. accelerator | 10. drum rim |
| 2. headlight with power indicator and electric lock | 11. bending tube |
| 3. hydraulic brake with parking | 12. battery case |
| 4. steer bar | 13. feet deck |
| 5. folding mechanism (customised) | 14. rear brake light and turning light |
| 6. front lamp | 15. rear fender |
| 7. front suspension with absorber | 16. controller case |
| 8. front fender | 17. rear basket |
| 9. front wheel | 18. sofa seat |

Technical Data

Motor: 500w BLDC motor

Battery : 48v 20ah sealed lead acid battery

Tyre size: 16inch front tyre and 12inch rear tyre

Max speed; 35km/h (3 speed gear and reverse gear)

Charge time: 5-7 hours

Charger input voltage: 100-200v 50hz /60hz

Net weight: 96KGS

Gross weight: 98KGS

Range: 35-40kms per charge

With headlight, power indicator and electric lock

With sofa seat

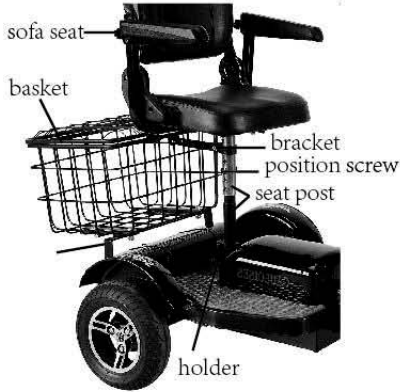
With overload and overcharge protective system.

Front : drum brake , back : hydraulic brake

Product size: 135*78*105cm

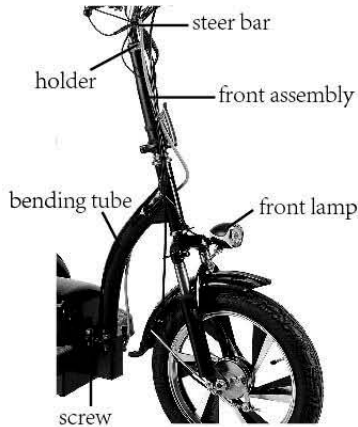
Instruction for assembly and operation

1. please assemble sofa seat, rear basket in proper position after taking out this tricycle, and check all holders are fixed tightly after completing assembly. Please refer to photo 01



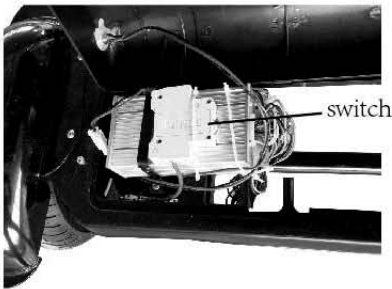
01

2. please assemble bending tube as picture 02, and modulate front steer bar in proper position for your comfortable driving, then fasten holder tightly, finally please make sure that there is no wobbling, please refer to photo 02



02

3. please turn on switch in “on” position at the back of this tricycle . then turn the key clockwise in one time .power indicator will illuminate. Please check all functions of this tricycle are normal before riding (eg.: brake ,brake light ,front lamp ,power indicator ,turning light speed gear and reverse gear etc.) ,please refer to photo 04 ,please continue to turn key clockwise after turning the key in “on” position ,front lamp will illuminate. Please refer to photo 05

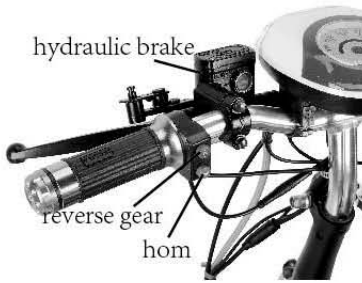


03

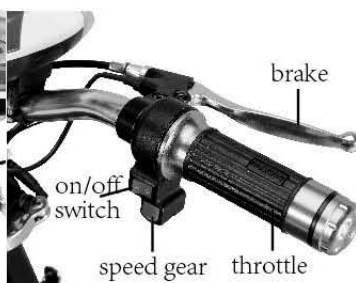


04

4. please refer to photo 05 and 06 regarding reverse gear ,speed gear , turning switch,horn button) ,this tricycle comes with reverse gear and speed gear .press button of reverse gear , this tricycle will move backward. Pressing button of speed gear , this tricycle will run faster , but speed does not exceed 35km/h.

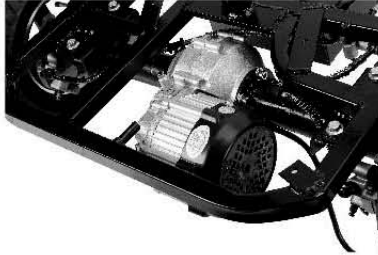


05



06

5. please refer to photo 07 regarding BLDC motor , the motor fit with unsimultaneous step function



07

6. please recharge battery when this tricycle is low power. Please note that it is not good for battery that you charge this tricycle after battery run out . it will reduce battery life span, please follow below about how to recharge battery : please firstly connect adapter with tricycle charging port ,the adapter light will turn green ,then insert plug of adapter into electric socket ,the adapter light will turn red . finally if the battery is fully charged , light of adapter will turn green . Please refer to photo 08.



08

7..it is very imperative to check whether this tricycle brakes effectively before riding in case of accident.

Maintenance

TROUBLE SHOOTING GUIDE (for professional use only)

Problem	Cause	Solution
The power light by the thumb throttle does not illuminate when the tri scooter is on.	<ol style="list-style-type: none">1. Battery is discharged.2. Loose connection inside the tri scooter.3. Fuse is blown.	<ol style="list-style-type: none">1. Recharge your tri scooter.2. Remove the screws that hold the battery compartment cover and raise the cover. Visually inspect all wire connections making sure there are no loose wires, reconnecting those that are.3. Replace the fuse.
The power indicator by the thumb throttle illuminates but tri scooter still does not work.	<ol style="list-style-type: none">1. The throttle handle is not operating properly.	<ol style="list-style-type: none">1. Replace the throttle handle. Contact your local dealer to order a new throttle.
Clicking noise coming from motor	<ol style="list-style-type: none">1. Brush in motor has come loose.	<ol style="list-style-type: none">1. Replace motor. Call your local dealer to order a new 350w motor.
When the brake lever is squeezed the tri scooter does not stop.	<ol style="list-style-type: none">1. The brakes are not adjusted properly.	<ol style="list-style-type: none">1. Adjust the brake by loosening the bolt on the rear brake wheel, pull the cable and retighten the bolt.
Scooter is losing speed.	<ol style="list-style-type: none">1. Low battery2. Battery is old.	<ol style="list-style-type: none">1. Recharge your battery for 6-8 hours.2. Replace battery. Call your local dealer to order a new 36v battery.