

# The wheelbarrow manual

This manual contains important safety instructions and use, when you first before use, please complete carefully read.

Containing box: wheelbarrow, charger, manual a.

## A、 brief introduction, the wheelbarrow

The wheelbarrow is a high-tech means of transport model, which uses space attitude control theory, fuzzy algorithm, the gyroscope system and the inverted pendulum system, realize the fore-and-aft direction self balance, the user through the body slightly forward and backward, forward, acceleration, deceleration, brake and other traffic operation, left and right direction depends on the realization of the body twist balance the.

Energy saving, environmental protection, portable wheelbarrow is a new generation of vehicle.

Very important: do not be anxious acceleration and jerk deceleration, not excessive forward and backward body, no speeding;

Matters needing attention

1 riding advice before wear helmet, gloves, knee pads and other security products;

2 prohibit the driving in a vehicle on the road and on the dangerous road.

3 should not be driving in crowded places;

4 do not use water to flush directly body, or riding in the rain.

5 should not be on a bumpy road, there is water on the road cycling;

6 should not be riding under the ramp in more than 150;

7 not recommended for children under 15 years of age to ride;

Do not shut off the power supply 8 driving, so as to avoid danger.

9 the wheelbarrow disabled when stored properly, please, don't let the children touch the power switch, so as to avoid danger.

10 do not self assemble and disassemble the machine, if malfunction, please go to the Distribution Department to find professionals to repair.

## B、 User

① main functional components:

1 power switch

2 battery indicator

3 charging socket

4 pedals (can be rotated upwards away)

② start

The wheelbarrow to vertical state on the ground, press the power switch, indicator light and switch power indication exhibit of lanterns lit up, at the same time, the buzzer will issue a "beep" sound tone, then ride.

If you press the power switch, the wheelbarrow tilt state in the fore-and-aft direction, so please wait for it to automatically correct to the vertical state after the ride.

③ electricity tips

The wheelbarrow uses four LED to display the power state, when the power is greater than about 85% when four LED full bright, with consumption falling gradually extinguished, so before the trip, please check quantity, avoid way too far can not return. In order not to delay your trip, timely advice after each use charge.

When the remaining power is less than 15%, four LED will be flashing, the buzzer will sound continuously "tick" sound, and pedal front began to gradually sink, forcing you to gradually slow down to stop. Please don't start riding against this time, in order to avoid the charge depletion caused by sudden power failure, you fall.

In the winter when riding, the mileage will be reduced, because the discharge capacity of lithium batteries in the environment of low temperature drops quickly, for example in  $-15^{\circ}\text{C}$ , about half the discharge capacity only at room temperature.

④ speed limit protection

In order to prevent the excessive speed falls of the damage, the wheelbarrow limits the maximum speed. When the speed exceeds 12Km/h, increase the pedal front with speed slowly raise, the speed reached 16Km/h, lift angle



close to 100, you are very difficult to lean forward manner by accelerating. With the lower speed, pedal and will reduce gradually lift angle.

Note: when the speed limit is approached, please do not forcibly lean forward acceleration, so as not to fall!

#### ⑤ roll protection

When the car body tilting in excess of 45°, for example the wheelbarrow after the fall, the control system will start the roll protection, motor stops rotating, the high-speed rotation of the motor to prevent harm.

Roll protection after the start, the buzzer will sound, and the power switch on the LED will stop flashing.

Unprotected state only need to turn off the power switch can be opened again after.

#### ⑥ charging

Then please charger plug into the charging hole, and then insert the AC power, otherwise the charger will not start, it may avoid the potential risk, so that the charging more secure.

On a unicycle equipped with high-power charger, under normal circumstances, only 60 minutes to complete the charging, can charge 45 minutes to about 80% of the electricity, the indicator light on the charger is red, that is charging, the green that has ended.

If not urgently, please wait after charging and then remove the charger, because after charging, battery protection board will maintain the battery voltage equalization.

#### ⑦ waterproof

Waterproof grade wheelbarrow for IP56, please don't sink into the water and use a long time in the rain.

## C、 Maintain

#### ① store

Don't put your wheelbarrow in damp places. Do not use a long time, every two months for a charging battery, in order to maintain the vitality of.

#### ② inflatable

Due to limited space, the use of ordinary pump can't cheer, then as long as the inflation extended nozzle is connected with the air valve, can use ordinary pump.

#### ③ To replace the tyre

When the tyre is damaged to repair or replacement, can operate without indicating lamp cover open side edge. Firstly, using cross screwdriver removing side 14 bolts, and then remove the No 6 bolts indicating lamp side cover, can open the enclosure, in the process of note connection wiring harness side cover, do not forcibly removed from the.

## Be careful

A. maintenance is complete, sudden fire may connect the power terminal, which is a normal phenomenon, need not panic.

B. don't open a small cover with the indicating lamp side, so as not to damage the internal circuit, otherwise it will not warranty.

Learning the wheelbarrow tutorial:

1 will be placed on the ground to the car, make it smooth.

2 - hand car, another hand pedal open.

3 will be the car again in the steady state, and turn the power switch.

4 - hand car, station to the car with one foot, powerful, the other foot support.

5 hand, foot control body set foot on the pedal, the other foot support and drive.

6 cars started, control the car, another one to follow.

7 beginners can use the pedal mounting auxiliary wheel.

Special remind: the first use of this product consumers must carefully read the instructions, or provided by a professional teaching, or by experience

Try to learn this product lovers and guided: individual learning needs to be accompanied by someone, wear a good helmet,

Protective clothing, wrist and other protective equipment, accompanied by staff to assist the contact.

On the ride, please book learning than the fast 20 minutes, slowly 3-5 days.