

Precautions for using batteries and chargers

1. It is strictly forbidden to connect devices that exceed the product's usage load.
2. It is strictly forbidden to use batteries or chargers not provided by Yabo.
3. When the battery voltage is below 6.5V, the expansion board buzzer will emit a "beep beep" alarm sound, and the MCU indicator light will flash quickly. At this time, you need to turn off the power and then charge the battery.
4. Please turn off the main power switch on the expansion board when charging the battery. Do not use the battery while charging to prevent the charger or battery from exploding.
5. When charging, the charger indicator light is red, indicating that it is charging, and the charger light is green, indicating that the battery is fully charged. The battery should be supervised when charging, and the charger plug should be unplugged as soon as possible after charging is completed to avoid battery overcharging.
6. After use, turn off the main power switch on the expansion board. When the device is not used for a long time, unplug the battery cable and keep the battery voltage at about 7V. Remove the battery compartment with a screwdriver, take out the lithium battery pack and put it in the battery safety area. Do not mix it with metal objects, and do not tear off the insulating film wrapped on the outside.
7. Keep away from heat sources, fire sources, and any liquids. Do not use it in moisture or rain. Wet environments may cause short circuit damage to the product.
8. When the lithium battery pack or battery charger catches fire or smokes, use sand or dry powder fire extinguishers to put out the fire, and then quickly evacuate to a safe area.
9. If the lithium battery pack or battery charger is damaged, severely heated, deformed, discolored, has an odor, or any other abnormal phenomenon, it must not be used, and contact Yabo or other agents in time for processing.
10. Please use it in an environment with a temperature of 0°C to 35°C. The stability of the lithium battery pack or battery charger may decrease at other temperatures.
11. It is strictly forbidden to intentionally puncture, short-circuit, reverse, privately weld, collide, crush, or throw the battery pack or battery charger.
12. It is forbidden to use the product in a strong static electricity and strong magnetic field environment, otherwise it will cause product damage.
13. It is strictly forbidden to modify or modify the hardware circuit board privately.
14. Do not let children use lithium battery packs or battery chargers without adult supervision, and store batteries in places where children cannot reach.
15. If the lithium battery pack or battery charger smokes or gets hot (in severe cases, the outer packaging will crack), you should quickly disconnect the power strip or disconnect the main switch, then quickly unplug the charger, and remove the battery and place it in an open area.

Battery parameters

Battery name: 18650 battery pack

Nominal voltage: 7.4V

Supply voltage: 5.6V~8.4V

Battery capacity: 6600mAh

Rated current: 1.2C

Protection current: 2C

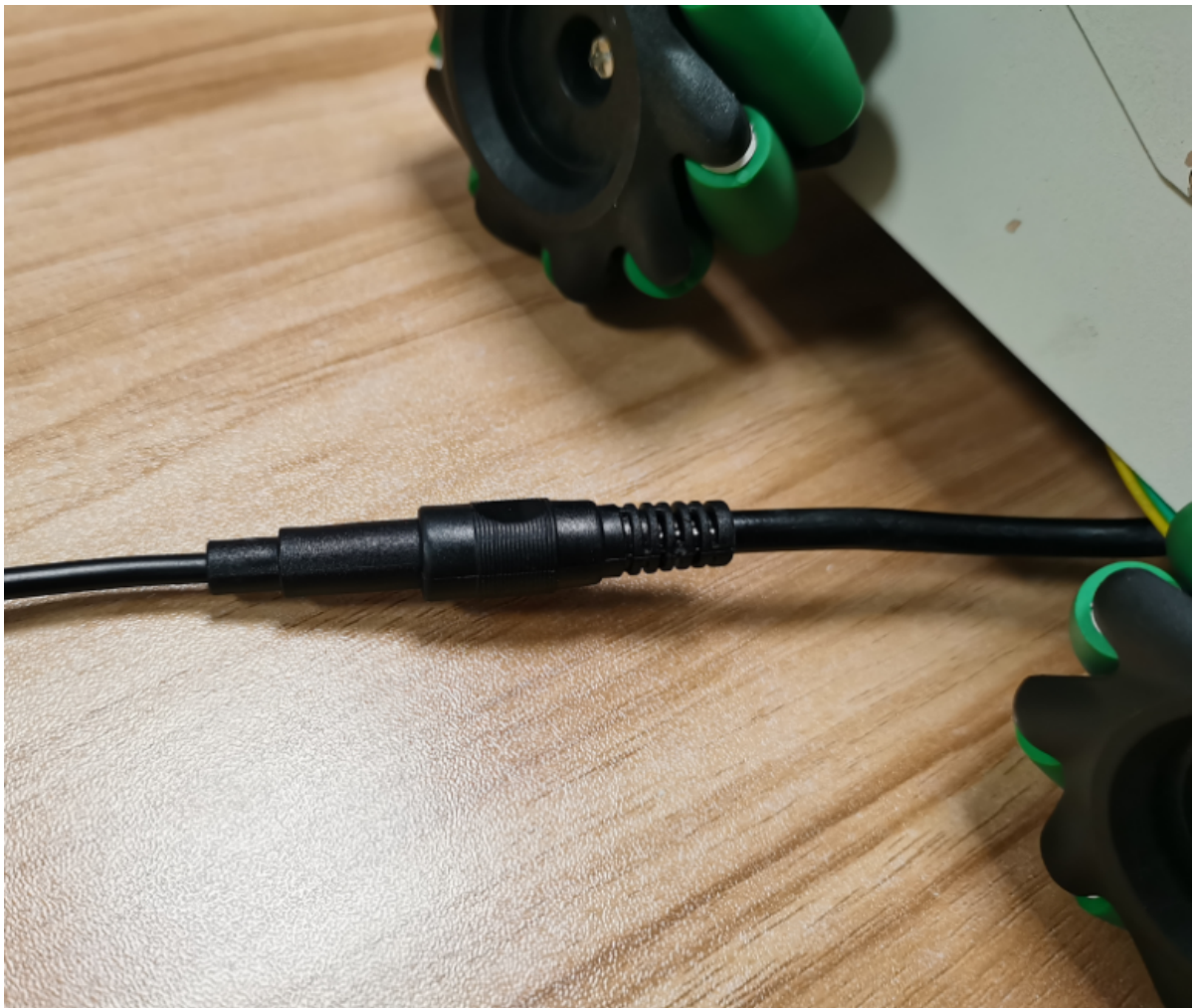
Protection circuit: over-temperature protection, low-voltage protection, over-charge protection, over-discharge protection, over-current protection, short-circuit protection

Car charging

Insert the charger that comes with the product into the power strip, and the charger indicator light turns green.



Find the charging port at the battery position at the bottom of the car and connect it to the charging port of the charger.



When the charger is charging the car, the charger indicator light is red. Wait for the battery to be fully charged and the indicator light will turn green.



Separate the battery charging port and the charger port, put the battery charging port back to the bottom of the car and hide it, and unplug the charger and place it in a safe area.

