

## Precautions for battery

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1. It is strictly prohibited to connect equipment that exceeds the load of the product.
2. It is strictly prohibited to use batteries or chargers not provided by Yaboom.
3. When the battery voltage is below 6.5V, the buzzer of the expansion board will sound an alarm. At this time, you need to turn off the power and then charge the battery..
4. When charging the battery, please turn off the main power switch on the expansion board. Do not use the battery while charging to prevent the charger or battery from exploding.
5. When charging, the charger indicator light lights up red, indicating that it is charging, and the charger indicator light lights up green, indicating that the battery is fully charged. Someone should supervise the battery when charging, and unplug the charger as soon as possible after charging to avoid battery overcharging.
6. Turn off the main power switch after use. When the device is not used for a long time, keep the battery voltage at about 7V. Remove the bottom battery compartment, unplug the battery wiring, take out the lithium battery pack and place it in a battery safe area. Do not interact with it. If metal objects are placed together, the insulating film covering the outside cannot be torn off.
7. Keep away from heat, fire, and any liquids, and do not use it in moisture or rain. Humid environments may cause short circuit damage to the product.
8. If the lithium battery pack or battery charger smokes or becomes hot (the outer packaging may crack in serious cases), you should quickly disconnect the power strip or the main switch, then quickly pull out the charger, and take out the battery and place it in an open area. .
9. When the lithium battery pack or battery charger catches fire or smokes, please use sand or dry powder fire extinguisher to extinguish the fire, and then evacuate to a safe area quickly.
10. Do not use the lithium battery pack or battery charger if it is damaged, severely overheated, deformed, discolored, has an odor or has any other abnormal phenomena, and please contact Yabo or other agents in a timely manner.
11. 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.
12. It is strictly prohibited to intentionally puncture, short-circuit, reverse connect, weld without permission, impact, crush, or throw the battery pack or battery charger.
13. It is prohibited to use the product in an environment with strong static electricity and strong magnetic field, otherwise it may cause damage to the product.
14. It is strictly prohibited to modify or modify the hardware circuit board without permission.
15. Please do not let children use lithium battery packs or battery chargers without adult supervision. When storing batteries, they should be kept out of the reach of children.

## Battery parameters

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Battery name: 18650 battery pack

Nominal voltage: 7.4V

Supply voltage: 5.6V~8.4V

Battery capacity: 10000mAh

Rated current: 1C(10A)

Protection current: 5C(50A)

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

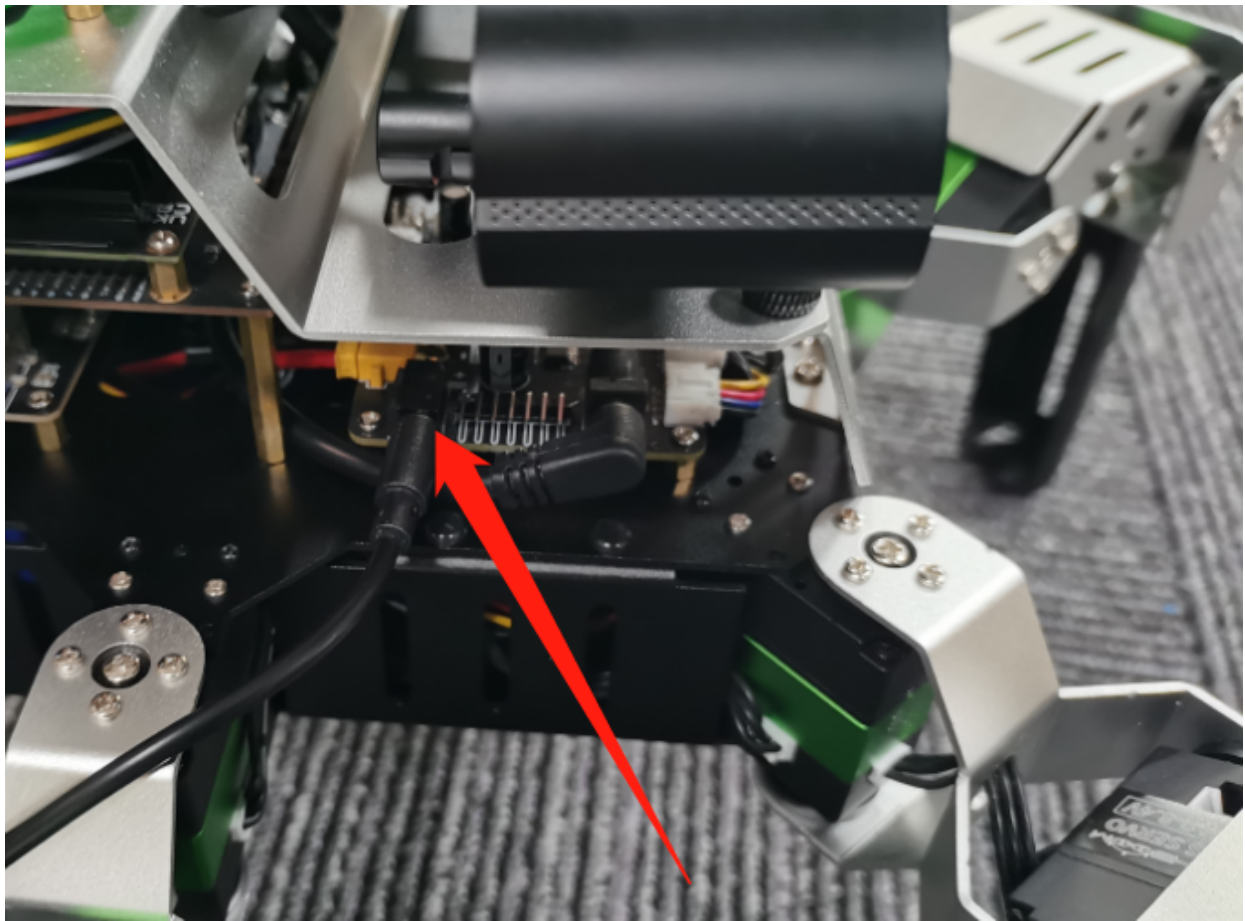
## Robot charging

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



Turn off the robot's main power switch. Find the charging interface on the robot expansion board, and insert the charging connector of the charger into the charging interface of the expansion board.



When the charger is charging the robot, the charger indicator light turns red.



Wait until the battery is fully charged and the indicator light turns bright green. Unplug the charger connector and charger, and place the charger in a safe area.