

About Battery

Please prepare batteries and fully charge them before assembly of the robot.

Required Batteries

You need to prepare two rechargeable lithium batteries with model of 18650 and voltage of 3.7V. At least, they should be a continuous discharge capacity of 3A.

Sharp End and Flat End Battery

According to the type of battery positive contact, batteries can be divided into sharp end and flat end batteries.

Here, sharp end battery is recommended.

Sharp end battery (recommended)



Flat end battery



Generally, flat end battery is mainly used in device that need built-in batteries. Batteries are connected in series or parallel through those devices, such as mobile power. Sharp end battery is often used in device that need dismountable batteries, because it can contact with the contactor of battery holder better.

The flat head battery cannot contact with the contactor of battery holder well, however the sharp end battery makes it, as shown below.

