



广州市华秦游乐设备有限公司

## Guangzhou HuaQin Playground Equipment Co.,Ltd

公司地址：广州市番禺区沙头街汀根村大板工业区一街 22 号 8 号厂房 3-4 楼  
Add:floor 3-4,8th Plant,No.22 First street,Daban industrial park,Tinggen village,shatou street,Panyu district,Guangzhou City

### Battery operation instruction

- 1. Safety warning:** Pls keep the battery from **heat or fire**. If the surface of battery is very hot, please stop to charge at once.and then contact with manufacturer for solution.If the surrounded temperature is high than 35 degree, please shorten the normal charging time (must be less than 10 hours) . It is not allowed to be exposed under **sunlight** for longtime.Forbid to put battery into **water or fire**.Keep the battery **ventilated without sealed container** .
2. The battery is forbidden to use in **inverted** statue.Prevent the battery from **Shortcut**. All battery after shortcut must be **returned to test and match** for next usage.
3. **Matching voltage difference: Less than 0.03-0.05V**(During usage for 2 batteries in one machine, the difference must not exceed 0.03v, 3 batteries, less than 0.05V).Every couple of battery is packed into 1 box and marked with sticker.The voltage is coordinated in the same volt.It is forbidden to mix different pack of battery to use in 1 machine.It will heavily damage the battery life and efficiency because of battery voltage difference in different pack of battery
4. **Outlook checking:**If the battery shell is broken or leaked with liquid,pls change the battery at once.the Liquid is acid, so if skin or clothes are stained with this liquid,pls wash with massive fresh water immediately.
5. **Charging time:** In order to keep a long term usage of battery, first time charging must be **12Hours**.From second time charging, it is 8-10hours. Reminder: Pls make sure machine power is cut off before charging. After battery is fully charged(normally it is less than 10 hours),please take out the plug soon. It will cause deformation of battery and shortage of battery life if unplugging for long time after charging fully.
6. The battery is fully charged before packing.If there is more than 2 months from the packing time to first usage time, Please charge fully before usage.

7. **Charger:**Must use the matching charger for battery charging(12V voltage battery need to use 12V charger,less than 10.5V charger is forbidden)

8. **Charging signal:**First please connect the charging plug with charger, and then connect the charger with power plug, the both lights become red. After charging finished, there is 1 green light. If after 10 hours charging,the light is still not turning green or the battery becomes very hot,pls disconnect the charging plug immediately and contact with manufacturer .It is forbidden to charge battery again if above situation occurs. If there is no 2 red lights during charging,pls check first if all wires are well connected ,or the fuse tube is broken or not.

9. The connecting wire end is connected with plug.if the connection is not fixed firmly at any connection, it will easily cause electricity poor conductivity, then the connection position becomes hot, the output voltage becomes lower, and finally influence the motor output power. Long term of this loose connecting will cause the battery acid liquid is leaked because of heat.There is also possibility of causing shortcut. Under this situation, the electric fire spark is possible to light up the explosive gas inside the battery!

10. **Battery Replacement:** please choose the storage battery which is in suitable capacity and the same specification .First step, cut the power,then open the battery box . please take out the red dot line and blue dot line which is connected to the battery. The red line means positive pole, the blue one means negative pole. then take out the battery. During installation of the batteries , Make sure the red line connect to the red dot on battery, the black (or blue) line connect to the blue dot on battery.pls use a red line to connect the two batteries. One side of the red line, pls connect to blue dot on battery, the other side of the red line, pls connect to red dot on the other battery. When battery replacing is finished, please check the connecting line is correct or not. If all is ok, then lock the battery box by screwing all metal tape.