



Add: Floor 3, Building Evolution, Xingdong industry Park, NO.61, Liuxian 2nd Road, Baoan, Shenzhen, China.

Tel: 86-755-29123661 Email: sales@csbattery.cn

## The key points relate to Battery quality---CSBattery factory

### 1. Raw materials:

All material is **pure lead ore 99.994%**, we will show you the details in our factory's warehouse.



This is very important, because there are many factories using recycled lead ore, the **impurity alloys** inside will makes the battery quality not stable. Especially the **arsenic element**, which could affect the lifespan of the battery, we've been through this many years ago, so our laboratory spent millions of RMB buy a **spectrum analyzer** to test the alloys in the ore, all unqualified materials will be rejected.

### 2. Production process:

Our factory is one-stop battery manufacturer, we **produce every components of the batteries** from the beginning, including Plastic container, lead plates, acid injection, terminals etc.

- a. Our laboratory: Have various instruments to test all materials before production, and offer us the test report according to customers requirement.





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b. GEL powder: All of our GEL powder are **imported from Germany(Aerosil 200)**, **made in Japan**, the quality is more stable. This helps to remain the water in separator for longer time, and longer battery life.

Pls check the official decription from Aerosil website:

<http://www.aerosil.com/product/aerosil/en/products/pages/default.aspx>



Many other suppliers using local manufacturer's gel powder, not as good performance as us.

c. Plastic container molding: All is new plastic powder,with UL certification.

d. **lead plate workshop**: We **produce lead plate by ourselves**, to control the quality and our cost is lower. Some factories only do assembling and buy lead plates from others, this is risk for quality.



e. QC: we do **100% inspection** in each process, even after package, we will pick out samples to test the discharge ability.







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### 3. Our R&D and QC team.

Our R&D is led by a very experienced expert in China, who enjoys the national government allowance and have great reputation in battery industry, we've applied many **patents** in China, like gel injection improvement, various types of batteries for different application.

Most of our engineers are from **YUASA**, who have been working over 10years.

That's why our production line is wide, it covers 2V/**6V/8V**/12V almost all the application, we have the ability to develop new models according to customers' requirement.

