

# **What are the components of the lead-acid battery in the Sino-Russian solar container communication station**





## Overview

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What is a lead acid battery container?

The container is a fundamental part of the lead acid battery's construction. There are, in general, two methods of producing the active materials of the cell and attaching them to lead plates. These are known after the names of their inventors. Plante plates or formed lead acid battery plates. Faure plates or pasted lead acid battery plates.

What is a lead acid battery?

**Lead Acid Battery Definition:** A lead acid battery is defined as a rechargeable battery that uses lead and sulfuric acid to store and release electrical energy.  
**Container Construction:** The container is made from acid-resistant materials and includes features to support and separate the plates.

How many parts are in a lead acid battery?

There are mainly two parts in a lead acid battery. The container and plates.  
**Lead Acid Battery Container** As this battery container mainly contains sulfuric acid hence the materials used for making a lead acid battery container must be resistant to sulfuric acid.

What is a lead acid battery separator?

**Separator:** A material that keeps the positive and negative plates apart to prevent short-circuiting. The operation of a lead acid battery is based on a series of chemical reactions between the lead plates and the sulfuric acid electrolyte. Here's a simplified explanation of the process:



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