

Construction of lead-acid battery transmission for solar container communication stations





Overview

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.

How a lead acid battery is formed?

Plante plates or formed lead acid battery plates. Faure plates or pasted lead acid battery plates. In this process two sheets of lead are taken and immersed in dilute H_2SO_4 . When an current is passed into this lead acid cell from an external supply, then due to electrolysis, hydrogen and oxygen are evolved.

How are negative lead acid battery plates made?

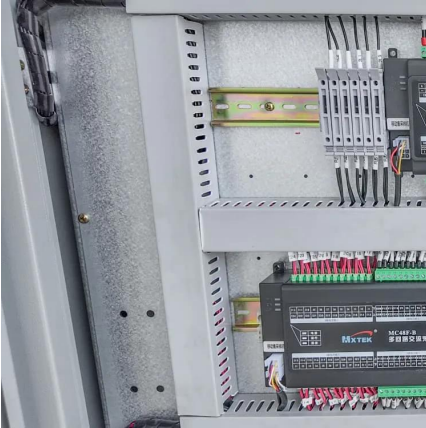
The negative lead acid battery plates are made by same process. It is seen that since active material on a Plante plate consists of a thin layer of PbO_2 formed on and from the surface of the lead plate, it must be desirable to have a large superficial area in order to get an appreciable volume of it.

How to increase capacity of lead acid battery?

In order to obtain large capacity in smaller construction of lead acid battery, a large surface must be exposed to the electrolyte, and since the size of a single plate is limited, so to increase capacity of lead acid battery, number of negative and positive plates are connected in parallel.



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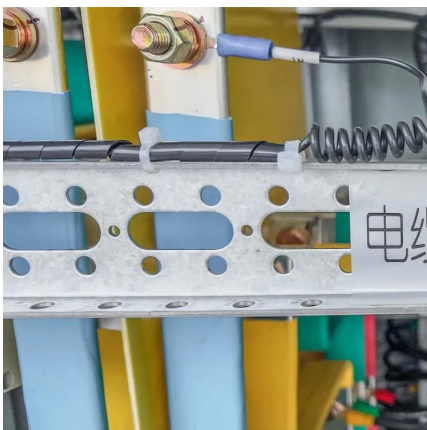
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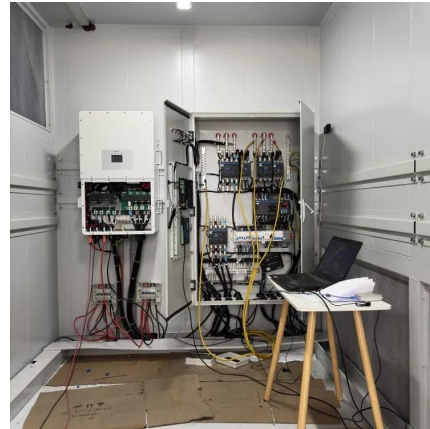
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Lead Acid Battery

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