

## Kongres Container

# What is the First Energy Storage Station



## Overview

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In 1046 BC China, the Western Zhou Dynasty's "Ice Administration Bureau" (Ling Zheng) stored winter ice in underground cellars layered with straw and wood ash. Who invented the energy storage system?

The first energy storage system was invented in 1859 by the French physicist Gaston Planté . He invented the lead-acid battery, based on galvanic cells made of a lead electrode, an electrode made of lead dioxide ( $PbO_2$ ) and an approx. . 37% aqueous solution of sulfuric acid acting as an electrolyte.

What are the different types of energy storage devices?

The need for the storage and backup of electrical power has given rise to the use and development of energy storage devices (ESD) that can store the electrical energy produced. The most widespread and popular ESDs are batteries such as the lead-acid batteries and the lithium-ion batteries, just to name a few. .

What is the oldest fuel cell?

A clay pot of 2,200 years, discovered near Baghdad, Iraq, is the oldest functioning fuel cells. The object, together with others of the same kind lies at the Iraq National Museum and dates back to Parthian Empire -an ancient Asian culture, which manifested itself in the Middle East between 247 B.C. and 228 A.D.

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