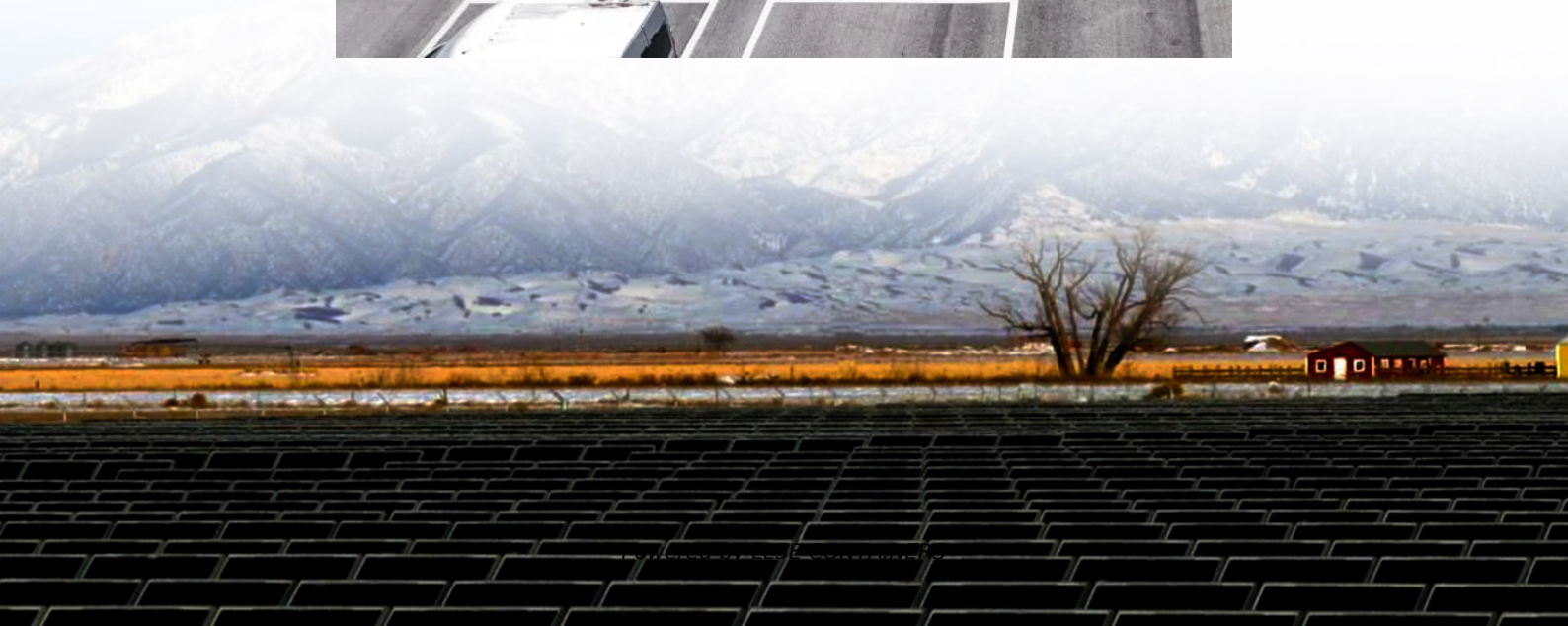


# Palau Mobile Energy Storage Container High-Pressure Type





## Overview

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What is a high pressure hydrogen storage container?

This was a new type of high-pressure hydrogen storage container that had the advantages of high mass and volume density, good safety, low-cost parameters, and did not undergo hydrogen embrittlement. It was initially anticipated that this type of container would be combined with fuel cells and applied to various electronic mobile devices.

What is gaseous hydrogen storage and transportation technology?

Gaseous hydrogen storage and transportation technology refers to the technology of storing and transporting hydrogen in the gaseous form. The mainstream methods of gaseous hydrogen storage and transportation mainly include hydrogen storage and transportation by high-pressure cylinders and hydrogen transportation by pipelines.

What is high-pressure hydrogen storage?

In high-pressure hydrogen storage, such high-pressure hydrogen storage equipment (i.e., mobile pressure vessels) is usually used for hydrogen storage on mobile carriers, such as long tube trailers, tube bundle trucks, and fuel cell vehicles.

What is a fiber-wound high-pressure hydrogen storage container?

The fiber-wound high-pressure hydrogen storage container is made of an inner cylinder using materials compatible with hydrogen, and the outer layer is reinforced with fiber, which can overcome the influence of hydrogen material size and thickness on the strength and cost of the container.



## Palau Mobile Energy Storage Container High-Pressure Type

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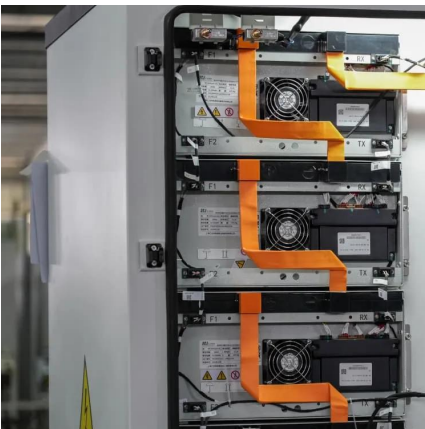
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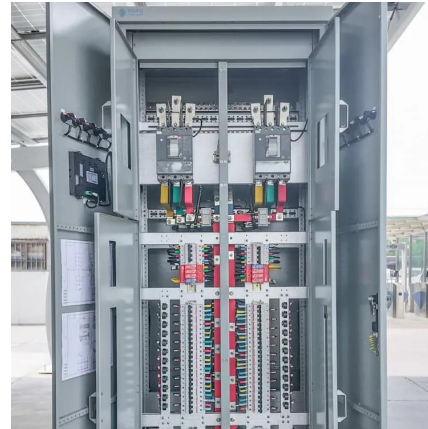
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