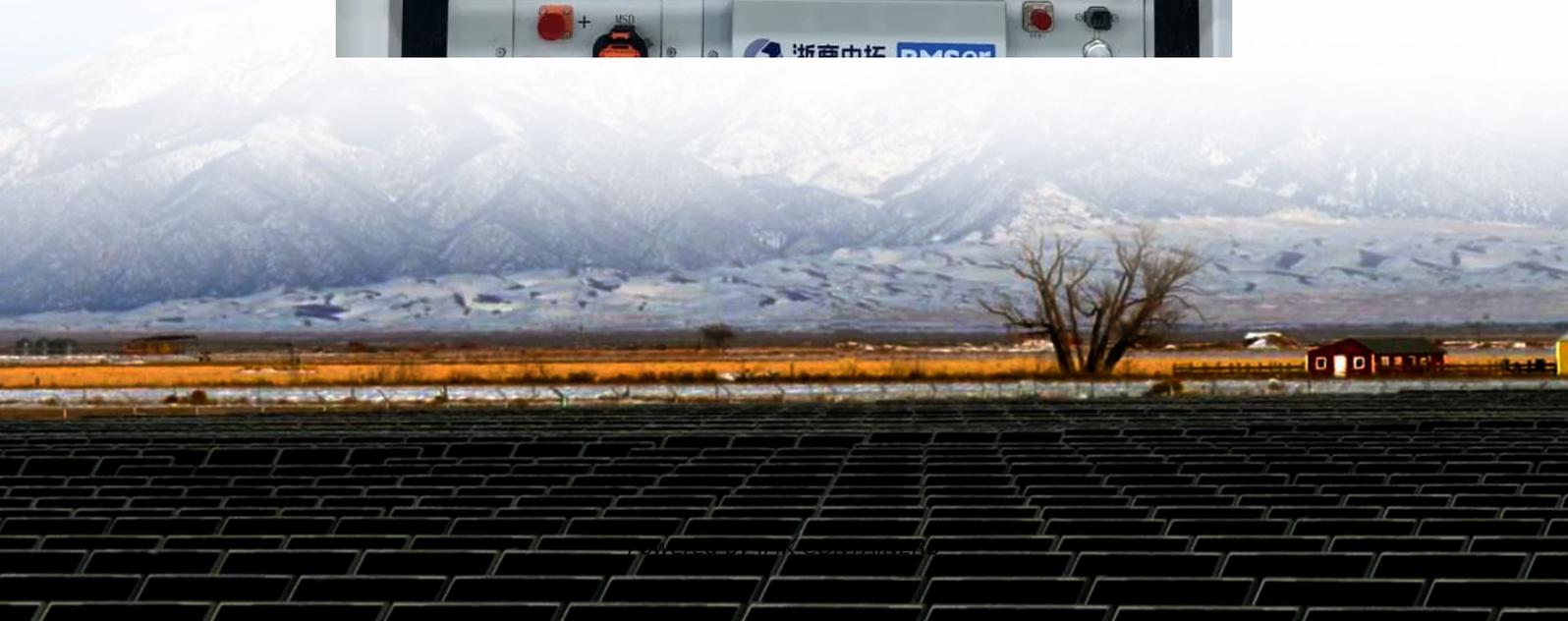


# Samoa wind power system battery pack





## Overview

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Why are Tesla specialists assisting Samoa's Electric Power Corporation engineers?

Tesla specialists are on the ground assisting Samoa's electric power corporation engineers to ensure its battery energy storage systems are operating to support Samoa's energy needs during the current power crisis. Image: Electric Power Corporation, Samoa.

How has the power crisis impacted Samoa?

The crisis has led to up to 16 hours of daily power interruptions across Upolu requiring extensive power rationing coordinated by the Electric Power Corporation (EPC). Samoan Prime Minister Fiame Naomi Mata'afa said the economic impact of the crisis is estimated to cost up to 16% of Samoa's GDP.

Are Tesla crews in Samoa working on a routine maintenance visit?

Local media reports say Tesla crews were in Samoa working on a routine maintenance visit but are now helping EPC with the maintenance of all EPC's batteries, which store 6 MW of power sourced from a network of solar farms owned by independent power providers (IPPs) and include the Tanugamanono, Fiaga, Tuanaimato, Salelologa and Faleolo solar farms.

What happened in Samoa?

Problems began on February 23 when the country's main high voltage (HV) underground cable failed between the Fiaga and Fuluasou power stations causing a blackout on the island of Upolu, the second largest in the Samoan islands area, impacting 200,000 people. This event was followed by a second failure on February 25.



## Samoa wind power system battery pack



### [Utility-Scale Battery Storage Powers Grid ...](#)

EVLO and EPS commission solar-plus-storage systems to boost grid resilience in American Samoa, supporting ASPA's 2040 goal of 100% renewable energy.

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### Utility-Scale Battery Storage Powers Grid Stability in American Samoa

EVLO and EPS commission solar-plus-storage systems to boost grid resilience in American Samoa, supporting ASPA's 2040 goal of 100% renewable energy.

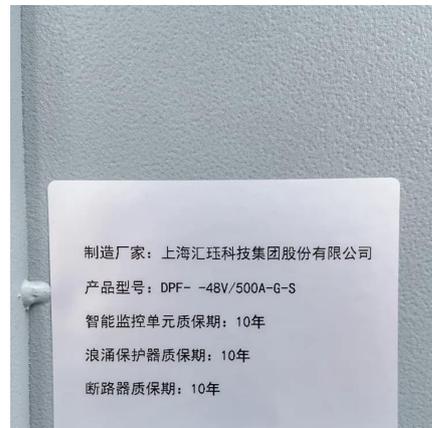
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### [EVLO Commissions First of Three Energy ...](#)

EVLO Energy Storage, a Hydro-Québec subsidiary specializing in battery energy storage systems, announced on April 15 the completion of a 4-MW/8-MWh energy storage system in American ...

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### SAMOA GRID BATTERY

APIA, 24 JULY 2018 - Samoa has become the first country in the Pacific to install battery energy storage systems and micro grid controller. The US\$8,844,817.03 million (T\$22.7m) facilities, ...

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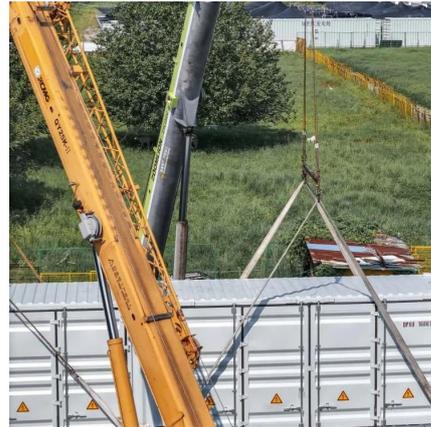




### [Samoa 2MW Wind and Solar Energy Storage Project](#)

Summary: Explore how Samoa's innovative 2MW hybrid renewable energy project combines wind, solar, and advanced battery storage to achieve energy independence. Discover its ...

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### **EVLO Commissions First of Three Energy Storage Projects in American Samoa**

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