



# Samoa EK s energy storage cooling system





## Overview

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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 Samoa. This initiative, the first of three, was developed with Eastern Power Solutions (EPS) to support the American.

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The first of the three planned energy storage projects is complete, enabling the



island where it is based to integrate its solar energy production and enhance grid reliability. Hydro-Québec subsidiary Evlo Energy Storage Inc says it has commissioned the first of three planned grid-scale energy.



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### EVLO Commissions First of Three Energy Storage Projects in ...

The American Samoa Power Authority selected Eastern Power Solutions with the EVLO 1000 BESS to enhance the delivery of safe, reliable, and clean power to the local ...

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**12.8V6Ah**

- Nominal voltage (V):12.8
- Nominal capacity (Ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (A):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (A):10
- Maximum peak discharge current @10 seconds (A):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):-50
- Discharge temperature (°C): -20~+60
- Working humidity: <math>\leq 95\%</math> RH (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):50\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds

### [Evlo deploys grid-scale batteries in American Samoa](#)

Hydro-Québec subsidiary Evlo Energy Storage Inc says it has commissioned the first of three planned grid-scale energy storage projects in American Samoa. The first project ...



### [EVLO Completes Commissioning of First of Three Energy ...](#)

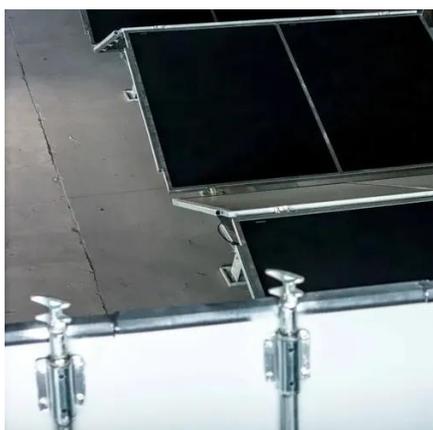


Constructed by Eastern Power Solutions, the solar-plus-storage projects will provide 10 MW / 20 MWh of critical clean capacity for the American Samoa grid.



### [EVLO Completes First BESS Project in American ...](#)

EVLO, in partnership with EPS, has commissioned a 4-MW, 8-MWh energy storage system to support American Samoa's renewable ...



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

Located on Tutuila and Aunu'u islands, the three solar-plus-storage projects have capacities of 4 MW/8 MWh, 5 MW/10 MWh, and 1 ...



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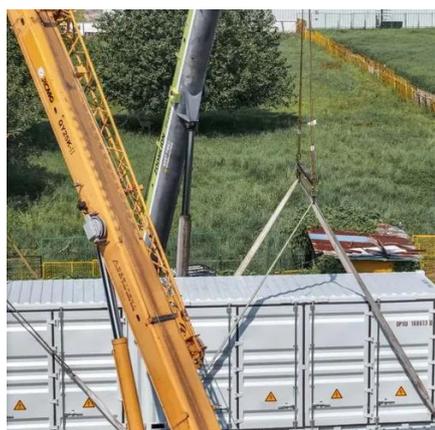
Located on Tutuila and Aunu'u islands, the three solar-plus-storage projects have capacities of 4 MW/8 MWh, 5 MW/10 MWh, and 1 MW/2 MWh. These systems stabilize solar ...



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## Contact Us

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