

EQACC SOLAR

Samoa Outdoor Communication Power Self-service BESS

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):0~+50
Discharge temperature (°C): -20~+60
Working humidity: <95% R.H (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):90*70*107mm
Reference weight (kg):0.7
Certification: un38.3/msds

Overview

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.

Why did the American Samoa power authority choose eastern power solutions?

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 community. ASPA is a development-oriented public utility providing electricity, water, wastewater, and solid waste services to about 50,000 residents.

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.

Does American Samoa need solar energy?

An isolated archipelago, American Samoa must generate all the electricity its community needs, striving for greater energy independence to ensure a more sustainable future. Positioned less than 1,000 miles south of the equator, American Samoa is uniquely positioned to harness its abundant solar energy resources.

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Battery energy storage systems support ...

Image: Electric Power Corporation, Samoa Tesla battery energy storage system (BESS) specialists are on the ground assisting ...

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EVLO commissions first of three BESS projects ...

The 2-hour duration BESS marks the first of three projects that EVLO will be commissioning in the territory, in collaboration with ...

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EVLO Energy Storage Completes First Battery Storage ...

EVLO Energy Storage Inc. (EVLO), a fully integrated battery energy storage systems (BESS) provider and subsidiary of Hydro-Québec, has successfully commissioned its ...

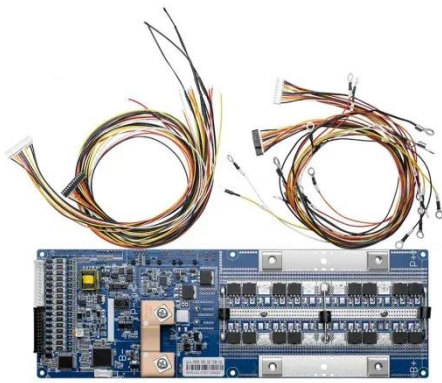
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EVLO Completes First BESS Project in American Samoa

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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Battery energy storage systems support Samoa's month-long power ...

Image: Electric Power Corporation, Samoa Tesla battery energy storage system (BESS) specialists are on the ground assisting Samoa's Electric Power Corporation (EPC) ...

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EVLO commissions first of three BESS projects in American Samoa

The 2-hour duration BESS marks the first of three projects that EVLO will be commissioning in the territory, in collaboration with solar energy service provider Eastern ...

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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. Ap...

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Samoa Outdoor Communication Power Supply BESS

Communication Interfaces for Mobile Battery Energy · This thesis project, carried out at Northvolt Systems, aims to analyze the existing and readily used communication ...



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EVLO Completes Commissioning of BESS Project in American Samoa

EVLO Energy Storage Inc. said April 15 it has completed commissioning of a 4-megawatt (MW)/ 8-megawatt-hours (MWh) battery energy storage system (BESS), the first of ...

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EVLO Commissions First of Three Energy Storage Projects in American Samoa

EVLO Energy Storage, a fully integrated battery energy storage systems (BESS) provider and wholly owned subsidiary of Hydro-Québec, on April 15 announced the company ...

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EVLO Completes Commissioning of First of Three Energy ...

EVLO Energy Storage Inc. (EVLO), a fully integrated battery energy storage systems (BESS) provider and wholly owned subsidiary of Hydro-Québec, announced the ...

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Government of the Independent State of Samoa through ...

1.1. Background The Electric Power Corporation (EPC) was established in December 1972 and is an autonomous Government owned corporation. EPC is responsible ...

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