



Uganda Energy Storage Equipment Project





Overview

The 100 MWp solar photovoltaic (PV) power plant integrated with a 250 MWh battery energy storage system (BESS) project will be delivered by U.S.-based Energy America, and its regional subsidiary EA Astrovolt will serve as lead developer and execution partner.

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The Government of Uganda has authorized the development of a 100 MWp solar PV and 250 MWh battery storage project. A major solar-plus-storage has been approved by the Government of Uganda, with the project set for Kapeeka Sub-County, Nakaseke District, approximately 62 kilometers northwest of.

Battery Energy Storage Systems (BESS) offer a transformative solution to these problems. By integrating intermittent renewable sources, enhancing grid stability, expanding energy access, and fostering economic growth, BESS can accelerate Uganda's ambitious goals of universal energy access by 2030.

The Government of Uganda authorised the construction of a 100 MW solar photovoltaic plant with a 250 MWh battery energy storage system in Kapeeka. The facility will be developed by U.S.-based Energy America, with its East Africa subsidiary, EA Astrovolt, serving as lead project developer and.

Located in Kapeeka, Nakaseke District, the plant will be equipped with technology designed for tropical and equatorial climates. Image: Raze Solar via Unsplash. The Government of Uganda has authorised engineering, procurement, and construction (EPC) contractor Energy America to build a 100MWp solar.

Uganda is steadily positioning itself as a leader in renewable energy innovation in East Africa. One of the most ambitious steps in this journey is the planned development of a 100 megawatt (MW) solar power plant paired with a 250 megawatt-hour (MWh) battery energy storage system (BESS) in Nakaseke.

SAN FRANCISCO, CA, UNITED STATES, August 7, 2025 / EINPresswire.com / — The



Government of Uganda has officially issued a Gazetted Policy Direction authorizing the development of a 100 megawatt-peak (MWp) solar photovoltaic (PV) power plant integrated with 250 megawatt-hours (MWh) of battery energy.



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[Uganda announces 100MW solar/250 MWh BESS project in ...](#)

The Government of Uganda has officially issued a Gazetted Policy Direction authorizing the development of a 100 MW solar photovoltaic power plant integrated with 250 ...

Uganda Solar Project: 100 MW Plant & Battery Storage Approved

Uganda has approved a major 100 MW solar project paired with a 250 MWh battery storage system--a landmark initiative for solar energy in Uganda. This ambitious ...



[Uganda Approves Energy America 100MW Solar + 250MWh ...](#)

The Government of Uganda has officially issued a Gazetted Policy Direction authorizing the development of a 100 megawatt-peak (MWp) solar photovoltaic (PV) power ...



[Uganda approves 250 MWh co-located BESS project led by ...](#)

The 100 MWp solar photovoltaic (PV) power plant integrated with a 250 MWh battery energy storage system (BESS) project will be delivered by



U.S.-based Energy ...



[Uganda Approves 100 MW Solar and Battery ...](#)

Uganda has authorized Energy America and EA Astrovolt to develop a large-scale solar and storage facility as part of its 1 GW ...

Uganda Approves Energy America 100MW Solar + 250MWh BESS Project

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ESS



[Uganda Approves 100 MW Solar and Battery Storage Project](#)

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Uganda: Green light for solar energy + battery storage project

The Government of Uganda has issued a Gazetted Policy Direction authorising the development of a 100-megawatt-peak (MWp) solar PV plant with 250 megawatt-hours (MWh) ...



[Uganda Solar Project: 100 MW Plant & Battery ...](#)

Uganda has approved a major 100 MW solar project paired with a 250 MWh battery storage system--a landmark initiative for solar ...

[Uganda greenlights EA Astrovolt 100MW/250MWh PV-BESS ...](#)

The Government of Uganda has authorised engineering, procurement, and construction (EPC) contractor Energy America to build a 100MWp solar PV plant, integrated ...



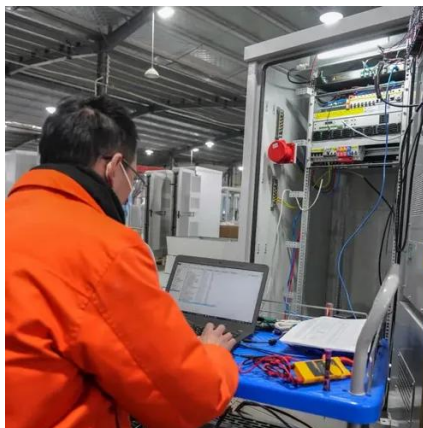
[Uganda: Green light for solar energy + battery ...](#)

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How Battery Energy Storage Systems Can Transform Uganda's ...

By integrating intermittent renewable sources, enhancing grid stability, expanding energy access, and fostering economic growth, BESS can accelerate Uganda's ambitious ...



How Large-Scale Solar Plus Storage is Transforming Uganda's Energy

The project, led by EA Astrovolt, the East African arm of U.S.-based Energy America, is part of a wider national goal to integrate more than one gigawatt of solar-plus ...

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TAX FREE

ENERGY STORAGE SYSTEM

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW/115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled

[Uganda greenlights EA Astrovolt 100MW/250MWh ...](#)

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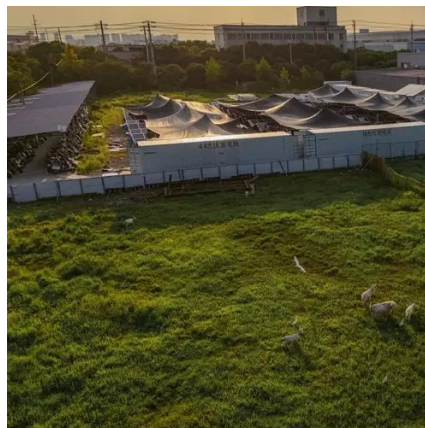


LFP 48V 100Ah



[Uganda Approves Energy America 100 MW Solar + 250 MWh ...](#)

It leads regional execution of solar and battery energy storage projects with a focus on Uganda, Kenya, Tanzania, and Rwanda. Astrovolt provides end-to-end capabilities including feasibility ...

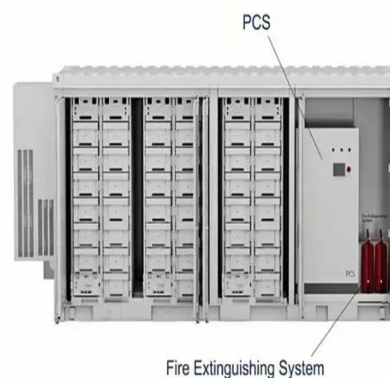


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