

## ContainerPower Energy Solutions

# Jamaica solar Charging Pile Energy Storage Project



## Overview

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In a groundbreaking development for Jamaica's renewable energy landscape, a joint initiative between LASCO, The University of the West Indies (UWI), and the USAID has culminated in the completion of a pioneering solar and battery storage pilot project at the company's White Marl plant in St Catherine. How can battery energy storage help Jamaica?

Battery energy storage systems (BESS) are now emerging as a cornerstone technology to address these challenges—helping Jamaica stabilize its grid, unlock more renewable energy, and reduce electricity costs for both consumers and businesses. The country's electricity cost can reach as high as \$0.32 per kilowatt-hour, far above global averages.

Will JPS build a solar power plant in Jamaica?

Power utility Jamaica Public Service Company, JPS, is investing US\$300 million to construct Jamaica's largest solar power plant and a battery storage facility, starting this month. The renewable energy facility will replace JPS's aged Hunts Bay.

Why should you use a commercial solar battery in Jamaica?

For sectors such as hospitality, tourism, and logistics—which are vital to Jamaica's economy—battery storage ensures smoother operations, lower electricity bills, and protection against blackouts. One recommended option for Jamaican enterprises is the 215kWh Commercial Solar Battery.

Why should a company invest in battery storage in Jamaica?

By integrating battery storage with rooftop solar systems or hybrid microgrids, Jamaican companies can maximize renewable use while gaining financial savings and branding advantages. Beyond the city centers, many Jamaican communities live in remote or coastal areas with limited access to stable electricity.

Why should a Jamaican company invest in a solar system?

It comes with integrated inverters and smart BMS, providing seamless solar compatibility and dependable backup power—ideal for island and coastal environments. By integrating battery storage with rooftop solar systems or hybrid microgrids, Jamaican companies can maximize renewable use while gaining financial savings and branding advantages.

Why is energy storage important in Jamaica?

Jamaica is committed to reducing its dependence on imported fossil fuels. The country's National Energy Policy sets an ambitious target: 50% of electricity from renewable sources by 2037. Energy storage plays a critical role in achieving this target. Key policy support includes:

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