

# Bhutan solar energy business plan



 **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





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### Press Release

As a part of the long term game to reduce reliance on imports and address increasing demand for reliable power supply, we plan to develop a solar energy generation capacity of 500 MW by 2025 and 1,000 MW by 2030.

### Bhutan - Solar Power Solutions

The project aims to install 30 MW of solar PV and strengthen the regulatory environment to accelerate Bhutan's renewable energy market, fully realising its solar energy plan of 1000 MW as planned by the government in the current five-year plan (2024-2028).



### Renewable Energy

We are seeking funding for the installation of a decentralized solar PV system with a capacity exceeding 650 kW. By contributing to this project, you can help bring clean and sustainable energy to the residents of Lunana, improving their quality of ...

### De-suung Skilling Programme

The Projects have been implemented to further the Royal Vision to: Work towards country's energy security needs; demonstrate Bhutan's continued leadership in environmental conservation; establish technical and economic



viability of solar PV in the country and pave way for uptake of solar PV by both private and public entities, and; to build

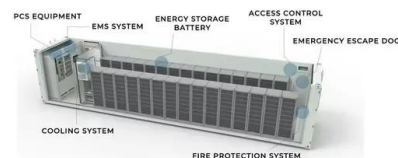


### **Bhutan launches its first grid-tied solar power plant**

The commissioning and inauguration of the 180kW grid-tied ground mounted solar photovoltaic power plant marks the start of Bhutan's investment in grid-tied solar energy as a viable alternative energy source in the face of soaring domestic demand and climate change.

### **Launch of First Grid-tied Solar Power Plant**

This initiative is expected to create systems change and support the nation in building resilience of Bhutan's energy sector to the adverse impact of climate change while also building the capacity of the national workforce on solar photovoltaic technology for green employment and entrepreneurship opportunities.



### **500KV ground-mounted and grid-tied Solar PV project at ...**

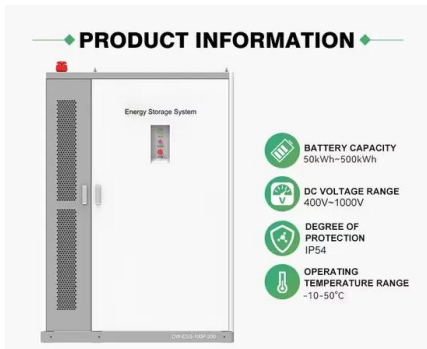
Bhutan Solar Initiative Project (BSIP) set up under Royal Command has implemented two Solar PV Projects in Thimphu. 250kW Rooftop Centenary Farmers Market (CMF) and 500kW Ground mounted at Dechencholing. Both projects are grid-tied, meaning the electricity generated is directly fed into the BPC grid, and are without



batteries.

## Sephu hosts Bhutan's first mega solar power plant

The government plans to achieve solar energy generation of 500 megawatts by 2025 and 1,000 megawatts by 2030. Lyonpo thanked the people of Sephu gewog, former and current gups of Sephu, and dzongkhag for supporting the project despite the fact that there might not be immediate gains for the community.



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## Bhutan Solar Initiative Project (BSIP)

Bhutan Solar Initiative Project (BSIP) aims towards achieving a sustainable energy supply for Bhutan through alternative renewable energy sources of solar grid integration. About 60 De-suups have been actively involved in this six-month long project and have gained practical knowledge of installing solar PV systems through hands-on experience.



## First phase of Bhutan's Utility-Scale Solar Project to complete by

According to project officials, this solar farm is designed to support hydropower during the lean



season, reducing Bhutan's reliance on energy imports from India. The project is a key component of the government's ambitious plan to generate 500 megawatts of solar energy by 2025 and 1,000 megawatts by 2030.



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