

Huawei Cape Town large energy storage project





Overview

Powered by Huawei's Smart PV & ESS Solutions, the building combines renewable generation with advanced energy storage to deliver:

- 4,000+ m² PV Installed, generating 600,000 kWh of renewable energy annually
- Enhanced Safety: 4-layer active shutdown system + dual-level passive isolation
- High Stability: Real-time 3D health monitoring of cells, packs & systems
- EMA Demand Response Ready: Seamlessly participating in Singapore's electricity market for optimized grid support and economic returns

This project is a landmark example of how high quality, highly safe, highly stable energy storage can enable both environmental and economic value. How safe is the Huawei Solar System?

Danie Poolman, Solar Manager at Sunspot Farm, has been very impressed with the Huawei solution. "This system has several layers of safety to protect against water exposure and ensure even heat dissipation," he says. "Each battery pack can identify faults, making it easy to address any potential risks safely and efficiently."

Why is Huawei LUNA2000-2.0MWh a success story?

With the Huawei LUNA2000-2.0MWH BESS, they have not only addressed their energy challenges but have also become a vital resource for their community. This success story exemplifies how innovative technology can empower sustainability and foster resilience in even the most challenging environments.

Why should you choose a Huawei LUNA2000 battery system for Sunspot Farm?

"Each battery pack can identify faults, making it easy to address any potential risks safely and efficiently. Since adopting the Huawei LUNA2000-2.0MWH BESS, Sunspot Farm has become a lifeline for the community." With its high reliability and low maintenance, the LUNA2000 battery system is ideal for a remote location like Sunspot Farm.



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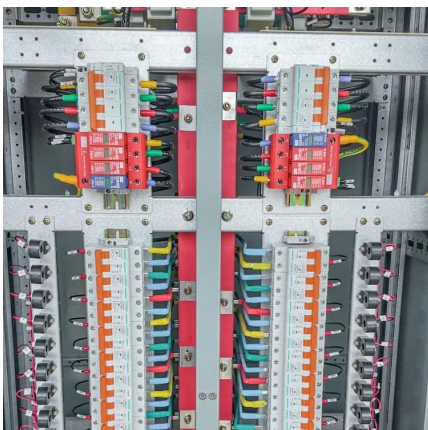


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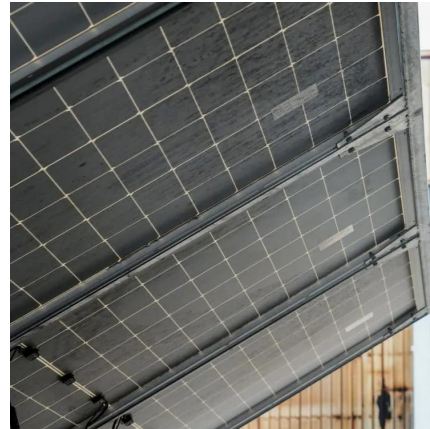
[How is Huawei's energy storage project progressing?](#)

Jan 21, 2024 · 1. Huawei's energy storage project is advancing significantly, with distinct milestones achieved in 2023, expanding its global influence in renewable energy solutions, ...



[Energy Storage System Products List , HUAWEI Smart PV ...](#)

Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.



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