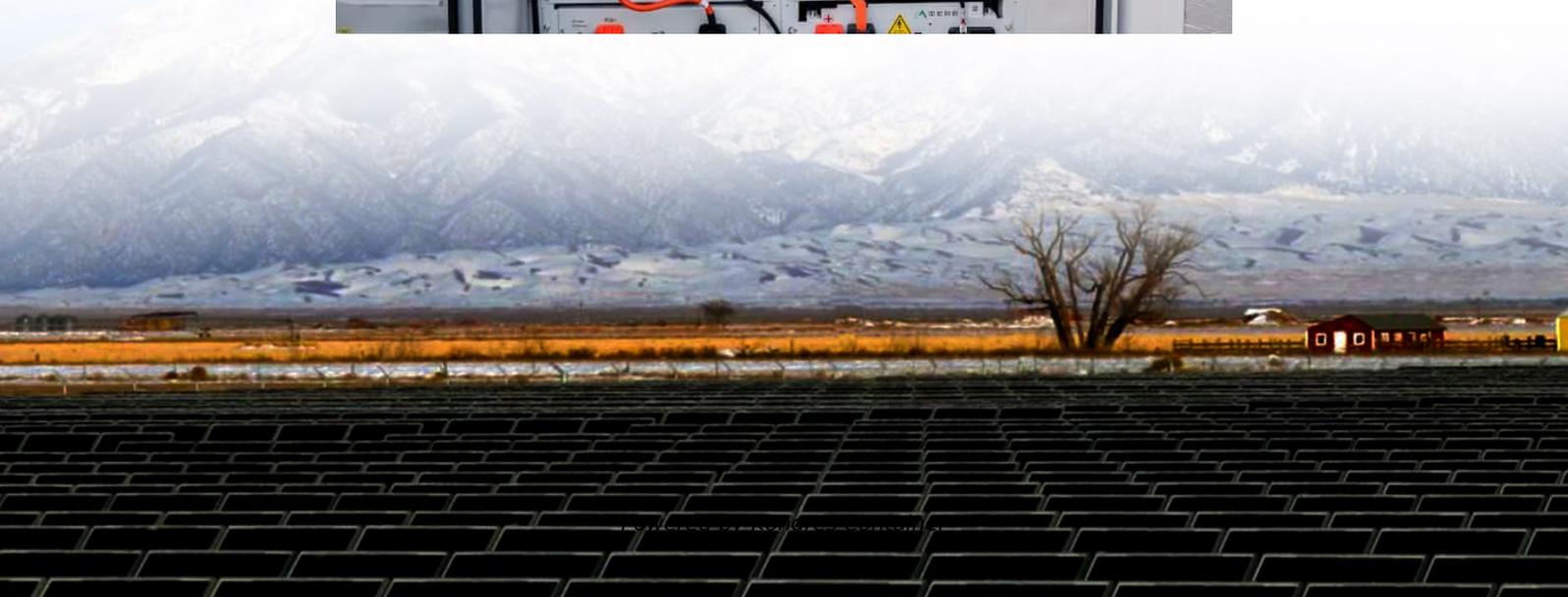


## Kongres Container

# Malaysia quality battery cabinet recommendation



## Overview

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In a pioneering project, we installed and commissioned Malaysia's first Sodium-Sulfur (NaS) Battery Energy Storage System (1.45MWh) at the LSE II Large Scale Solar farm in Bukit Selambau, Kedah. This project serves as a national reference point for future large-scale standalone battery deployments.

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As Malaysia accelerates its renewable energy ambitions, Battery Energy Storage Systems (BESS) are becoming an integral part of the energy equation—not only as a compliance requirement under the new 2025 SELCO Guidelines (referring to Clause 3.5 - 3.8), but as a strategic solution to enhance.

Whether for residential or commercial use, solar battery storage addresses Malaysia's three key energy challenges: Grid Instability in East Malaysia Frequent outages in Sabah, Sarawak, and rural villages impact households, schools, and medical clinics. Peak Electricity Costs in Peninsular Malaysia.

BESS is pivotal in optimizing the nation's rich tapestry of renewable resources, granting both stability and efficiency to the energy grid. In alignment with Malaysia's visionary target of sourcing 70% of its energy from renewables by 2050, BESS emerges as a cornerstone technology. It provides a.

The ESS115 and ESS215 are state-of-the-art Battery Energy Storage Systems (BESS) designed for efficient energy management in commercial and industrial applications. The ESS115 offers a battery capacity of 115kWh with a rated power of 60kW, utilizing 3.2V Sunwoda cells and featuring air cooling.

Highjoule's industrial and commercial energy storage system adopts an integrated design concept, with integrated batteries, battery management system BMS, energy management system EMS, modular converter PCS and fire protection system in one. BESS Battery Energy Storage Cabinet 200kWh

Malaysia.

Shielding your business from the dangers of Li-ion battery fires, our double-walled sheet steel cabinet with 40mm thermal air barrier offers a smart fire containment system to slow the spread of a battery fire. **BATTERY COOLING** Equipped with a 150mm fan, capable of producing 67m<sup>3</sup> of air per hour.

## Malaysia quality battery cabinet recommendation

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