

ASEAN outdoor energy storage device





Overview

The ASEAN energy storage market is segmented by type (pumped-hydro storage, battery energy storage systems, and other types), application (residential, commercial, and industrial), and geography (Indonesia, Vietnam, the Philippines, Malaysia, and the rest of ASEAN). Does ASEAN need energy storage?

Determinedly, the region has set the targets of 23 per cent renewable energy share in Total Primary Energy Supply (TPES), and 35 per cent share of renewable energy in ASEAN installed power capacity by 2025. This means that energy storage is required. What Is The Status Quo?

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Does ASEAN have a policy for promoting battery energy storage?

According to the ASEAN Centre for Energy (ACE) Policy Brief: Enabling Policies for Promoting Battery Energy Storage in ASEAN, only a few AMS have related policies. For instance, Thailand's Ministry of Energy presented its 'Energy 4.0' strategy by integrating disruptive energy technologies such as energy storage systems.

Is energy storage the future of Southeast Asia?

As renewable energy sources will play a more prominent role in the region's sustainable development, the integration of energy storage systems in Southeast Asia is imminent. Energy storage seems to be facilitating the transition towards clean and sustainable energy, particularly for islands and rural areas within the region.

Which energy storage systems are being installed in Thailand?

Thailand installed two sets of KSTAR 5kW+10kWh energy storage systems (BluE-5000D) in December 2020. The storage already provides a clean and stable night-time power supply at the Chumpoll Temple in Ayutthaya Province, Thailand.



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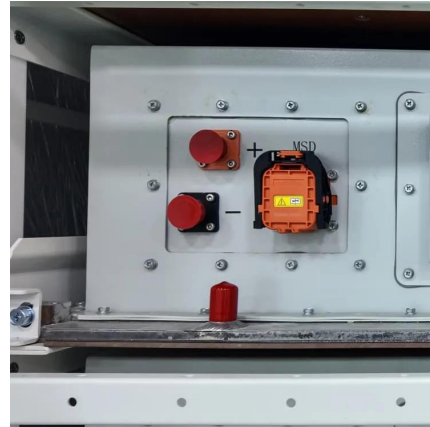


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ASEAN Energy Storage Market in The Philippines
ASEAN Energy Storage Market in Vietnam
ASEAN Energy Storage Market in Indonesia
ASEAN Energy Storage Market in Malaysia
ASEAN Energy Storage Market in Other Countries
The energy storage markets in other ASEAN countries, including Singapore, Thailand, Myanmar, Cambodia, Brunei, and Laos, each present unique characteristics and development trajectories. Singapore stands out with its technology-driven approach and emphasis on urban energy storage solutions, particularly in the battery energy storage segment. Thaila See more on mordorintelligence Application: Residential
Geography: Indonesiadatainsightsmarket



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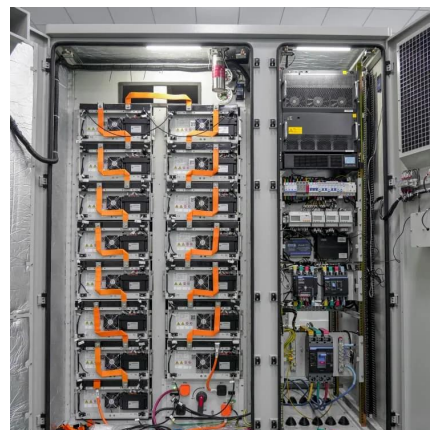
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As the global shift toward clean energy accelerates, the ASEAN region continues to emerge as a key growth hub for new energy and storage solutions. From January to May 2025, Southeast ...



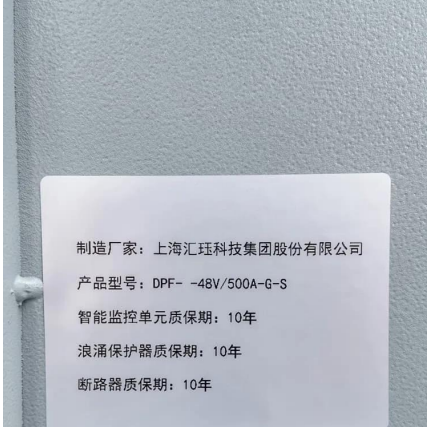
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