



LLSE CONTAINERS

ASEAN Communication BESS Power Station Manufacturer Location





Overview

What is Bess & how does it work in ASEAN?

Typical BESS components include battery modules, a storage enclosure with thermal management, a power conversion system (PCS), a battery management system (BMS) and an energy management system (EMS). A few other ASEAN countries are also starting to wake up to the advantages of BESS in their respective energy sectors. But, it's a slow start.

What is a battery energy storage system (Bess) in Singapore?

Singapore's new BESS will help mitigate the solar intermittency caused by changing weather conditions in the region's tropical climate. Because wind and solar resources aren't constantly available and predictable, they're referred to as intermittent energy resources. What Is a Battery Energy Storage System (BESS)?

Does ASEAN need energy storage?

The ASEAN bloc has set the targets of 23% renewable energy in its Total Primary Energy Supply (TPES) and 35% renewable energy in ASEAN installed power capacity by 2025. This means that energy storage is required. Additionally, without BESS acceptance on a larger level, the needed funds won't materialise, and fewer BESS will be built.

What does Bess stand for?

KUALA LUMPUR (Sept 3): Cape EMS Bhd (KL: CEB) has signed a strategic cooperation agreement with Shanghai Sermatec Energy Technology Co Ltd to assemble and manage battery energy storage systems (BESS) in Malaysia for the Asean market.



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Cape EMS, China's Sermatec in pact to supply battery storage across Asean

Sep 3, 2025 · KUALA LUMPUR: Cape EMS Bhd has signed a strategic partnership agreement with Shanghai Sermatec Energy Technology Co Ltd to localise battery energy storage ...

[Cape EMS inks strategic tie-up with Sermatec to localise ...](#)

Mar 9, 2025 · CAPE EMS Bhd, a Main Market-listed electronic manufacturing services (EMS) solutions provider with global presence, has sealed a strategic cooperation agreement with ...



[Unlocking the potential of Battery Energy Storage Systems \(BESS...\)](#)

Aug 26, 2025 · As Southeast Asia continues to experience rapid economic growth and urbanization, the demand for reliable and sustainable energy solutions is higher than ever.

...

Cape EMS, China's Sermatec in pact to supply battery storage across Asean

Oct 26, 2025 · Shanghai Sermatec will transfer the full assembly of its Bess units to Cape EMS's Senai manufacturing facility, where the systems



will be locally produced, insured and ...

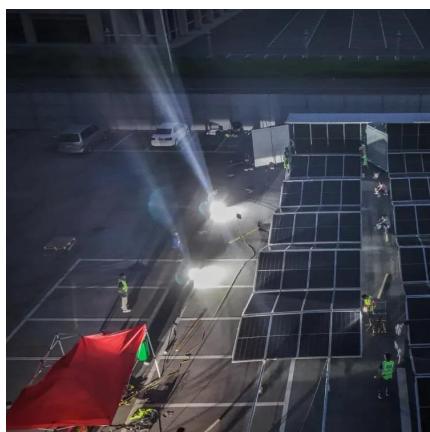


[Cape EMS in deal to assemble Bess in Malaysia](#)

Sep 4, 2025 · Cape EMS Bhd is set to begin local assembly of a China firm's battery energy storage systems (Bess), with a focus on capturing opportunities in the Asean market.

[Cape EMS partners Shanghai energy firm Sermatec to ...](#)

Sep 3, 2025 · Cape EMS Bhd (KL:CEB) has signed a strategic cooperation agreement with Shanghai Sermatec Energy Technology Co Ltd to assemble and manage battery energy ...



[ABB supplies Southeast Asia's largest battery energy storage ...](#)

Sep 25, 2025 · With the global energy storage system market expected to reach \$17.9 billion by 20271, battery energy storage systems (BESS) are emerging as the strongest solution to ...



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