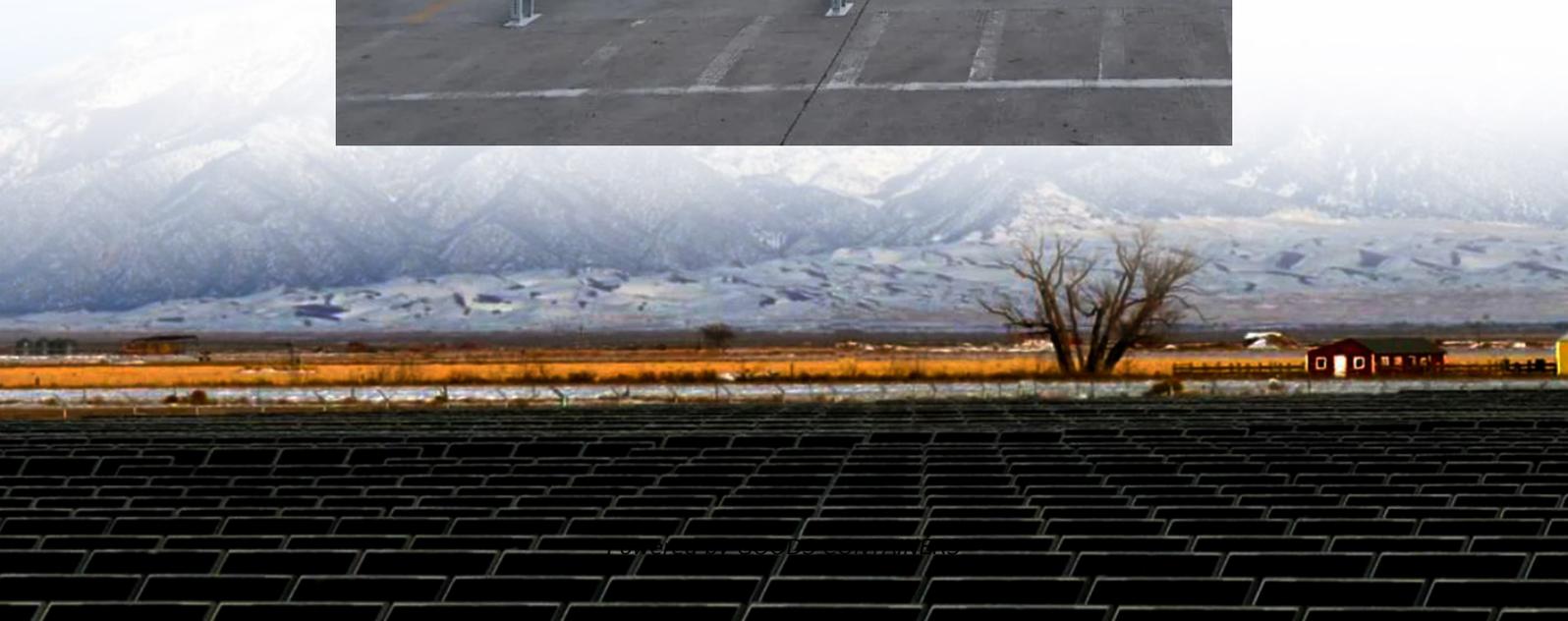


Data Center Uses 15kW Singapore Mobile Energy Storage Container





Overview

Will Singapore expand its data centre capacity?

Singapore aims to expand its data centre capacity by more than one-third to satisfy rising computing needs, as more businesses digitalise and more artificial intelligence (AI) services are rolled out. At the same time, data centre operators keen to seize this opportunity will have to go green.

Why should data centres adopt Singapore's tropical data centre standard?

Data centres that adopt Singapore's Tropical Data Centre standard (SS697:2023) to operate at higher temperatures can potentially benefit from a further 2% to 5% energy saving on the cooling systems, with every 1°C increase in the data centre operating temperature.

How many MW of data centre capacity will be added?

Source: The Straits Times © SPH Media Limited. Permission required for reproduction. At least 300 MW of data centre capacity will be added, with another 200 MW allocated only for operators who use green energy options and meet green standards.

Why are data centres important for Singapore's digital economy?

Data centres form the backbone of Singapore's digital economy, enabling innovation and growth across industries. However, IT equipment within data centres typically accounts for around 60% of total energy use, a figure expected to rise further with the increasing adoption of artificial intelligence and compute-intensive workloads.



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[Singapore to expand data centre capacity by at least one ...](#)

May 30, 2024 · At least 300 MW of data centre capacity will be added, with another 200 MW allocated only for operators who use green energy options and meet green standards.

[Singapore: Setting New Benchmarks for Sustainable Data ...](#)

Aug 23, 2025 · Singapore has launched the SS 715:2025 standard to drive energy-efficient data centre operations, combining international benchmarks, best practices and financial incentives ...



[GREEN DATA CENTRE TECHNOLOGY PRIMER: A ...](#)

Feb 28, 2025 · Figure 1: Electricity flow and measurement points in a typical data centre On average, IT equipment uses 45% of the energy in a data centre and the facility infrastructure ...

[Data Center Facility & Critical Power in Singapore , Huawei](#)

Oct 15, 2025 · Huawei Data Center Facility focus on digital and facility management of power supply, data center cooling, and O& M, to build next-generation low-carbon data centers.



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