

# **Data Center Uses 15kW Singapore Mobile Energy Storage Container**





## Overview

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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.

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.

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.



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**Singapore to expand data centre capacity by at least one ...**

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.

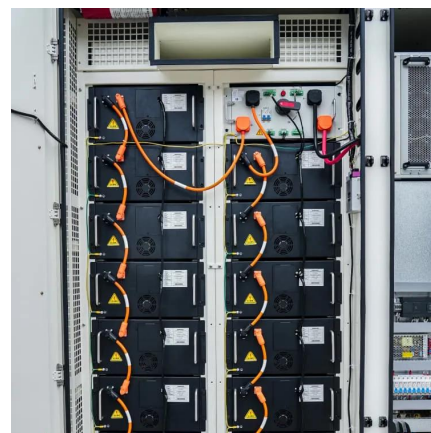
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**Singapore IT Energy Efficiency Standard for Data Centres ...**

Singapore has launched a new standard to support data centre operators and users to deploy energy efficient IT equipment.

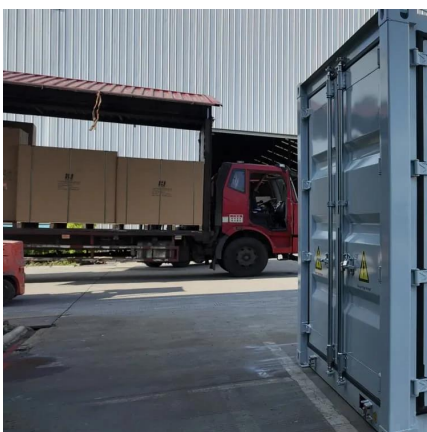
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At least 300 MW of data centre capacity will be added, with another 200 MW allocated only for operators who use green energy options and meet green standards.

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