

Price Reduction for Earthquake-Resistant Mobile Energy Storage Containers





Overview

Three main things are driving this: ☐☐ (1) Larger Battery Cells: systems with larger format cells ($\geq 300\text{Ah}$) were 5% cheaper than those with smaller cells. ☐☐ (2) Higher Energy Density Containers: 20-foot containers now reaching 5+ MWh storage capacity, with 4MWh+ enclosures 27% cheaper on average than the older generations that were in the 2-4MWh range ☐☐ (3) Market Competition: Increased competition among Chinese manufacturers: 4-hour systems averaged just US\$85/kWh in China but there are recent reports of significantly lower - \$65/kWh for full ESS supply scope in Dec 2024 However, this also comes with potential challenges: safety design, transportation logistics, and noise from cooling systems are all factors that need to be weighed up against higher-density enclosures and larger format cells.



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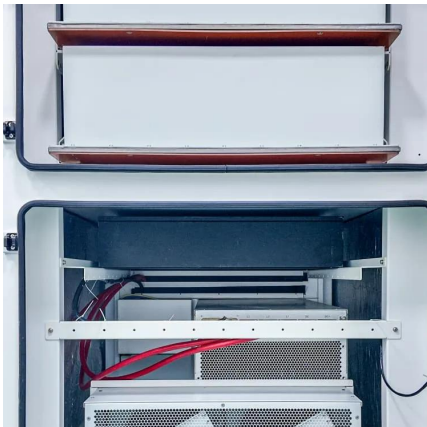
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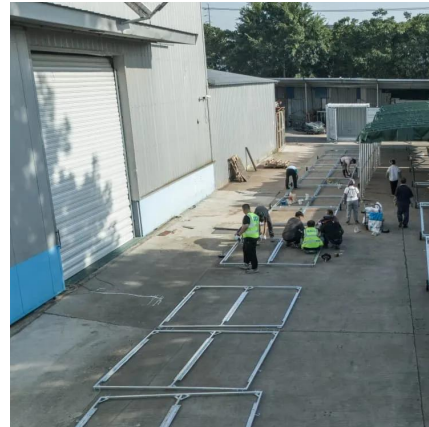
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