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The price of energy storage cabinet batteries has dropped





Overview

According to BNEF, battery pack prices for stationary storage fell to \$70/kWh in 2025, a 45% decrease from 2024. How much does a battery storage system cost?

Around the beginning of this year, BloombergNEF (BNEF) released its annual Battery Storage System Cost Survey, which found that global average turnkey energy storage system prices had fallen 40% from 2023 numbers to US\$165/kWh in 2024.

Why are energy storage batteries so expensive?

Current energy storage batteries have complicated multiple thin-layer internal structures, which need expensive production lines to fabricate. Such design is because the effective thickness of electrodes is limited by the diffusion rate of ionic reactants.

Will US-made batteries cost more than imports?

Still, Kikuma says that other research BNEF has undertaken shows that the cost of US-made batteries or energy storage systems will still be in a much more expensive price range than the imports.

Will US energy storage growth slow down in 2026?

That means costs in 2026 would return back to 2024 levels which could slow down the growth in US energy storage deployments, but the analyst says that even so, BNEF anticipates that the momentum of the country's energy storage industry and growth in deployments would remain strong.



The price of energy storage cabinet batteries has dropped



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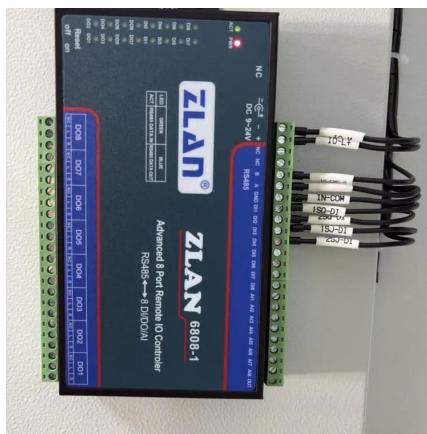
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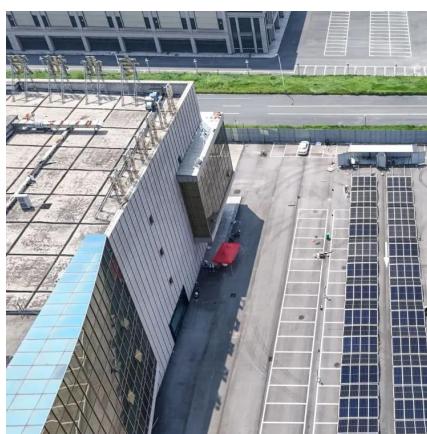


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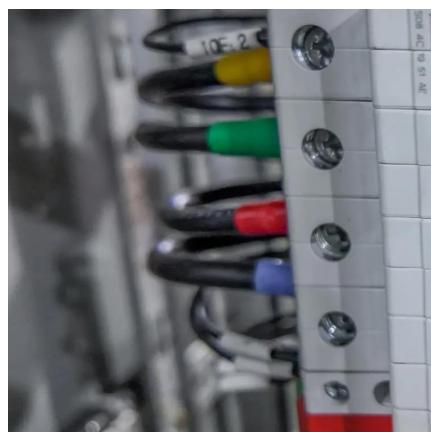


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