

# Energy storage immersion price





## Overview

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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.

What is immersion-cooling technology?

From ESS News Shell (Shanghai) and Chongqing-based QingAn Energy Storage (QAES) have announced a strategic partnership to introduce immersion-cooling technology – a method long used in high-performance data centers – to the world of grid-scale and commercial battery storage.

Will a 60% tariff increase energy storage costs?

“What we found is that with the 60% tariff, the cost [of a turnkey energy storage system] increases by 60% compared to 2025, so this is quite a big cost jump if the US actually decided to do so,” Kikuma says.

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.



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### [BNEF finds 40% year-on-year drop in BESS costs](#)

However, while the falling prices of materials significantly helped along the drop last year (also evident in a 20% fall in average battery pack prices), there are a myriad of other ...

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### **Levelized Cost of Storage in Battery Systems and the Impact ...**

Levelized Cost of Storage reveals how design choices, operating conditions, and thermal management shape long-term battery economics. Immersion cooling delivers ...

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### [BNEF finds 40% year-on-year drop in BESS ...](#)

However, while the falling prices of materials significantly helped along the drop last year (also evident in a 20% fall in average battery pack prices), there are a myriad of other factors which have driven that ...

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### [Ember Report Reveals Utility-Scale Battery Storage Now ...](#)

New Ember analysis shows battery storage costs have dropped to \$65/MWh with total project costs at \$125/kWh, making solar-plus-storage economically viable at \$76/MWh ...



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[Energy Storage Systems Cost Survey 2025, BloombergNEF](#)

Turnkey energy storage system prices fell sharply this year to a global average of \$117/kWh, down 31% from 2024. This marks the lowest level in BloombergNEF's annual cost survey, ...

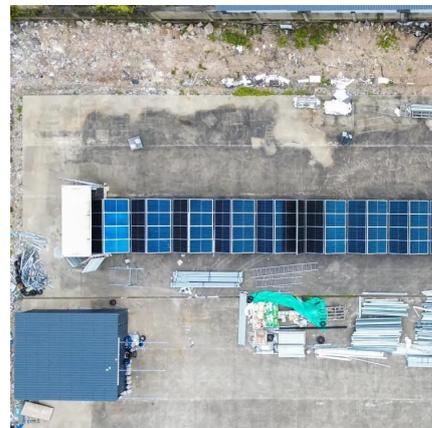
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[Immersion Cooling Energy Storage System](#)

The global market for Immersion Cooling Energy Storage System was estimated to be worth US\$ 470 million in 2023 and is forecast to a readjusted size of US\$ 1013 million by 2030 with a ...

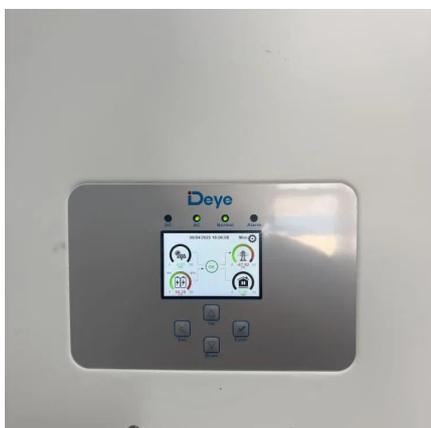
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**Shell brings data-centre cooling tech to batteries in world ...**

Shell (Shanghai) and Chongqing-based QingAn Energy Storage (QAES) have announced a strategic partnership to introduce immersion-cooling technology - a method long ...

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### [Shell, QAES unveil immersion-cooled battery system in China](#)

Shell and Chongqing-based QAES have introduced what they call the world's first immersion-cooled battery system, adapting data-center cooling methods to grid-scale energy ...

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### **Global energy storage system prices hit record low as costs ...**

Energy storage system prices have fallen to their lowest level on record, dropping to a global average of \$117/kWh in 2025.

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### [Global Immersion Cooling Energy Storage System ...](#)

The immersion cooling energy storage system completely soaks the battery core in an insulating, non-toxic, heat-dissipating liquid, and takes away the heat through the liquid to ...

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### [How cheap is battery storage? , Ember](#)

The price of Lithium Iron Phosphate (LFP) battery cells for stationary energy storage applications has dropped to around \$40/kWh in Chinese domestic markets as of ...

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