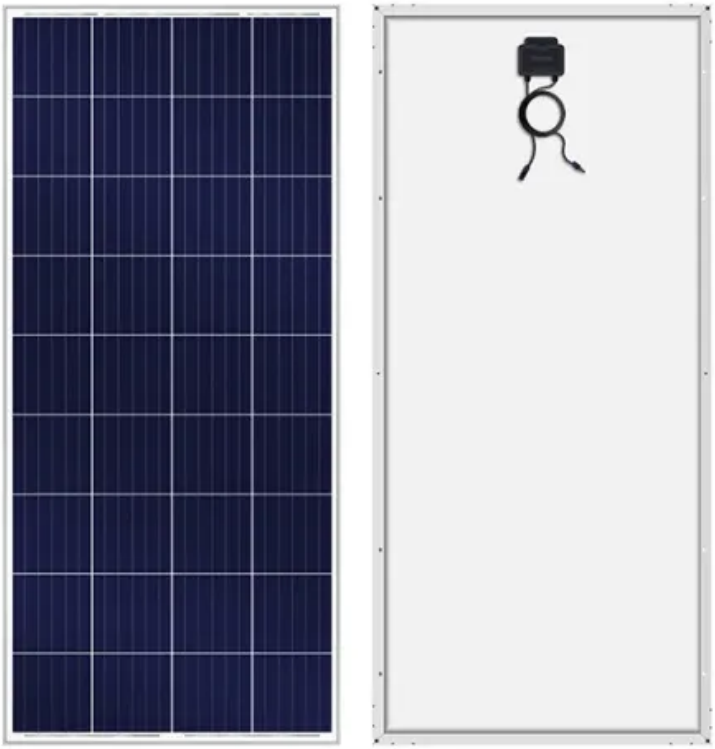
Energy storage batteries are ultra-low cost



Overview

Battery energy storage costs have reached a historic turning point, with new research from clean energy think tank Ember revealing that storing electricity now costs just $65 per megawatt-hour (MWh) in global markets outside China and the United States. In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration systems. The projections are developed from an analysis of recent publications that include utility-scale storage costs. All-in BESS projects now cost just $125/kWh as. Long Duration Energy Storage (LDES) provides flexibility and reliability in a future decarbonized power system. Electrochemical testing revealed initial capacities of 200 mAh/g for the cathode and 360 mAh/g.

Energy storage batteries are ultra-low cost

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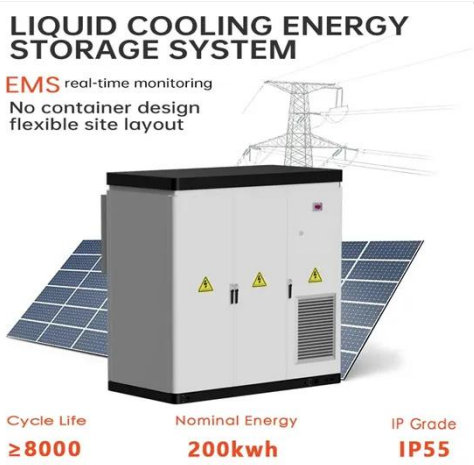

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