



BUHLE POWER

# Home Energy Storage Solution System





## Overview

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What are residential energy storage solutions?

Residential energy storage solutions are your home's energy insurance policy. These battery systems capture electricity—whether from your solar panels or the grid—and save it for when you need it most.

What is a home energy storage system?

A home energy storage system is an innovative system consisting of a battery that stores surplus electricity for later consumption. Often integrated with solar power systems, these batteries enable homeowners to store energy generated during the day for use at any time.

What is a solar energy storage system?

They capture and store energy, from sources such as solar panels or directly from the grid during off-peak times, and supply it when needed, reducing reliance on the grid, lowering energy costs, and providing backup power during extended outages. Two examples of commercially available storage solutions are Tesla Powerwall and LG Home Battery RESU.

How do energy storage solutions work?

Energy Storage Solutions program Today's residential energy storage solutions do so much more than just keep the lights on. They store sunshine from your solar panels during bright afternoons, then power your evening activities when electricity rates typically peak. During outages, they seamlessly switch on to keep essential appliances running.



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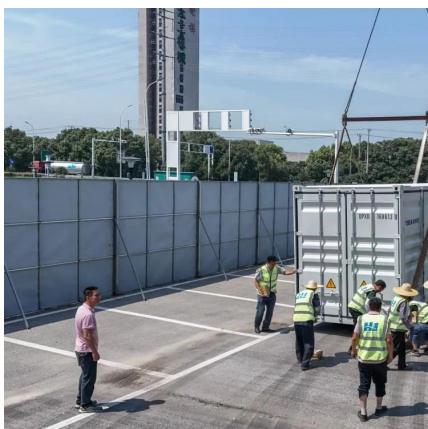


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