

# What is the Home Energy Storage Battery Project



## Overview

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The goal of SmartHome Battery is to make it more affordable for customers to own a home solar and battery system, reduce their electricity bill, and build a stronger local grid. LFP Batteries Are Now the Premium Choice: Lithium Iron Phosphate (LFP) batteries have emerged as the top recommendation for 2025, offering superior safety with no thermal runaway risk, longer lifespan (6,000-10,000 cycles), and better performance in extreme temperatures, despite costing 10-20% more . In Northern California, Ava Community Energy Debuts SmartHome Battery, a Residential Solar + Storage Program for Community-Powered Energy PR Newswire OAKLAND, Calif. , April 9, 2026 The \$11+ million program offers residents two incentives to install a home battery that will connect with Ava's VPP as . While rooftop solar panels make a visible statement that a homeowner is an environmental steward and interested in improving utility consumption, residential energy storage systems provide real control. Usually, electricity is stored in lithium-ion rechargeable batteries, controlled by intelligent software to handle charging and discharging cycles. Batteries can also provide backup power during .

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### Types of Home Battery Storage: Your Complete 2025

In this comprehensive guide, we'll explore the primary types of home battery storage available in 2025, from proven lithium-ion systems to emerging

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## [In Northern California, Ava Community Energy Debuts SmartHome](#)

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