

Fully automatic household solar integrated machine



Application scenarios of energy storage battery products



Overview

The world's first AI-optimized 5-in-One energy system combining inverter, battery, EMS, EV DC charging, and intelligent controls into a resilient, expandable solution built for energy independence. Expandable from 5 to 390 kWh with stackable battery packs. EcoFlow STREAM Ultra is an all-in-one solar battery with a built-in grid-tied microinverter, fully compatible with solar panels and the Shelly Smart Meter. From sunrise, the system captures solar energy and delivers it directly to your home through its grid-tied output. PointGuard Home is an advanced all-in-one. Complete Energy Independence is Achievable: Modern solar technology with 21-24% efficiency panels and advanced lithium-ion battery systems can provide 100% energy independence for most homes, even in challenging climates like Seattle where homeowners achieve 98% solar coverage. This home energy management storage system seamlessly integrates a range of essential components including the All-in-One Energy Storage Solution, Home Wallbox, Energy Management System. Transform your home into an energy-efficient powerhouse by integrating residential solar systems with smart home automation. This is the promise of the integrated machine for solar storage—a revolutionary all-in-one unit that combines the inverter and battery into a single.

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[Complete Guide To Fully Solar Powered Houses \(2025\) . Costs](#)

Everything you need to know about fully solar powered houses in 2025. Complete cost analysis, installation guide, real examples, and expert insights. Start your solar journey today.

[SAJ Residential Energy Storage . Smart Home Battery & Solar Solutions](#)

SAJ smart home energy system that redefines residential energy management as the fully-automated solution.



[SolarEdge Residential Products](#)

SolarEdge Residential Products offer a reliable and efficient solar solution for your home. Discover our inverters, optimizers, and monitoring systems today.

[Smart Solar: How Home Automation Makes Your Solar Panels Work ...](#)

Transform your home into an energy-efficient powerhouse by integrating residential solar systems with smart home automation. Connect solar production data to your home's smart hub, ...



[Anker SOLIX F3800 + Smart Home Power Kit](#)

With the Anker app, you can manage energy and savings with modes like Self Consumption and Time-of-Use. Gain full control of solar power, optimizing battery cycles and reducing electric bills. Enjoy ...



[The Integrated Solar Machine: Simplifying Home Energy Storage](#)

This is the promise of the integrated machine for solar storage--a revolutionary all-in-one unit that combines the inverter and battery into a single, streamlined device.



**2MW / 5MWh
Customizable**

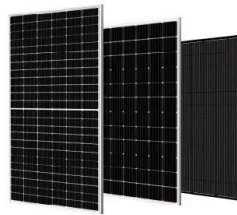


[PointGuard Home , AI 5-in-One Home Energy System](#)

PointGuard Home is an advanced all-in-one residential energy management system that unifies the solar inverter, EMS, battery modules, and optional EV DC charger into one seamless solution.

[Household Energy Storage 2000W Solar Inverter 2KW-6KW Solar ...](#)

This is a multi-function inverter/charger, combining functions of inverter, MPPT solar charger and battery charger to offer uninterruptible power support with portable size.



[Whole Home Solar System: Powerful 24/7 Energy](#)

Discover our whole home solar system that offers 24/7 power with 50% more efficiency compared to standard systems. Experience complete solar solutions for reliable and continuous energy coverage ...

[EcoFlow STREAM Series Plug-and-Play Home Solar System](#)

From sunrise, the system captures solar energy and delivers it directly to your home through its grid-tied output. Surplus energy is automatically stored for use during peak hours, at night, or in the event of a ...



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