



HS3 series

## The Most Compact Home Battery

Reliable Whole-house Power That Comes with 360° Safety, 24/7.



[www.saj-electric.com](http://www.saj-electric.com)



## Innovative Design for Space Saving

17cm ultra-slim design seamlessly integrate with modern home interiors. Maximize space utilization makes it an ideal energy solution for urban and suburban homes.

HS3 Battery Pack

## LFP Batteries, Built to Last.



**5kWh**

Expandable to 50kWh

**10 + 5** (HS3 story share campaign participants only) **Years**

Official Warranty

**6000+**

Charge Cycles

(under specific conditions)

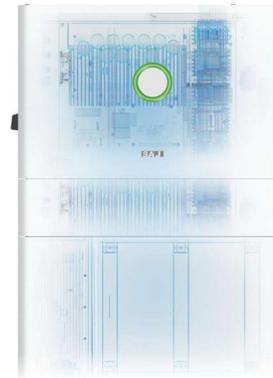
## True Energy Independence You Can Count On

With the HS3 and its Automatic Transfer Switch Panel (ATS), your whole house can run seamlessly on your own stored energy—whether the grid is up or down. No manual switchovers, no interruptions—just the freedom to keep your home powered by your own resources. A rapid 10 ms switchover ensures your lights, fridge, and essential devices stay on without a flicker, giving you genuine independence and control over your energy.

## Smart Energy, Save Energy Bills.

### elekeeper AI Saving 2.0

By leveraging smart whole-house appliance management, dynamic tariff, and real-time weather data integration, SAJ elekeeper EMS can automatically make well-informed decisions that help homeowners save up to 20% on their electricity bills with zero effort.



## Peak Performance in the Extreme.

### Thermal Boosting technology

The self-heating function activates automatically, keeping the system operational in temperatures as low as -30°C.

### Fire Prevention System

Built-in Thermal Aerosol Fire Suppression Device for complete battery protection, activates in 3 seconds at 185°C.

### Battery Management System

Intelligent BMS ensures safe home energy by preventing overcurrent, overcharging, and monitoring performance.



## Energy That Expands, Effortlessly.

### Power Up as You Go

Start with a 5 kWh battery pack and easily expand to 40 kWh as your needs grow.

### Old or New Batteries, It All Works Together.

Mixing different batteries can damage the home energy storage system. With a DC-DC optimizer in each pack, SAJ enables seamless integration of old and new batteries. Its flexible expansion design allows you to add new batteries to the existing system with ease.



## Outdoor-Ready with IP65 Protection

HS3 features an IP65 certification, making it dust-tight and water-resistant—perfect for reliable outdoor installation in any weather.

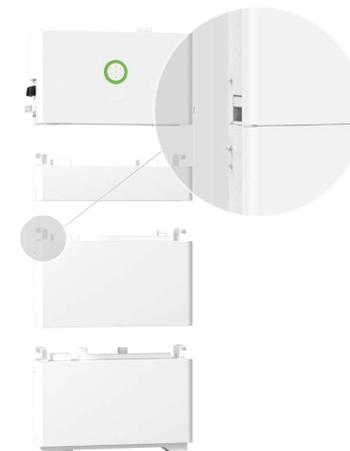


### Fast & Easy Installation Blind Plug Design

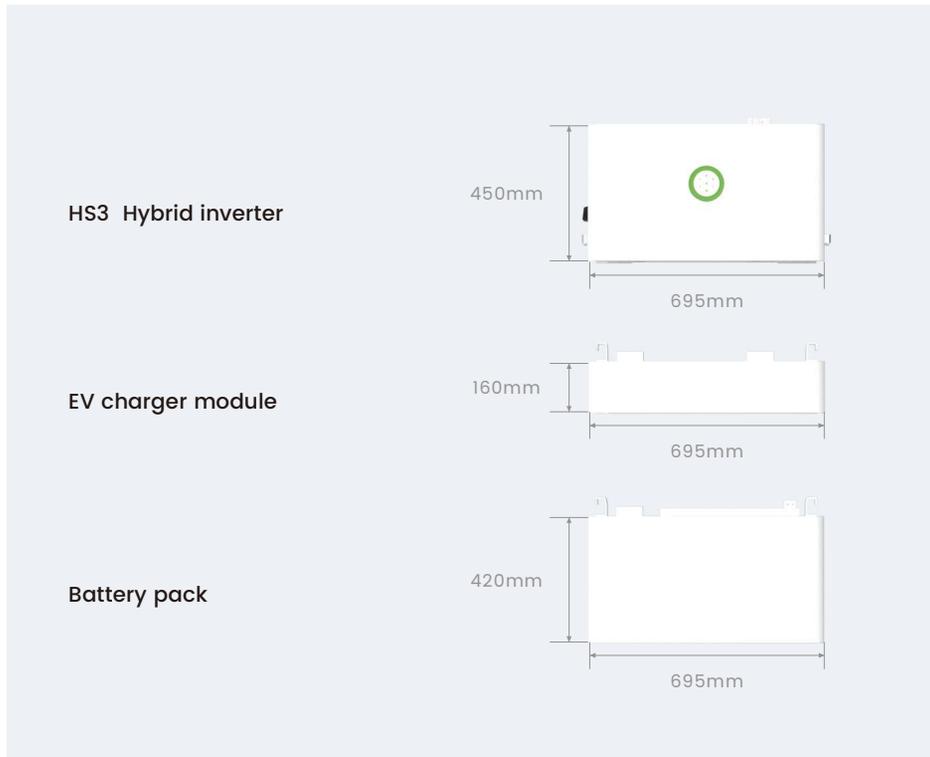
Eliminate the need for complex external wiring. Just like stacking LEGO blocks, HS3 battery modules connect automatically with quick connectors, removing manual wiring and making installation faster and easier.

### One-click Entire system diagnosis

Easily diagnose your entire multi-connection system with AI powered One-click Diagnosis. Get a detailed check on cabling and battery status. The elekeeper EMS automatically upgrades to the latest version.



# Most Compact Home Energy Storage Solution



## elekeeper EMS

### elekeeper App and Web Portal for Homeowners

- AI Saving 2.0
- Smart home management
- One-stop Energy Hub
- One click diagnosis



Get it on Google Play



Download on the App Store

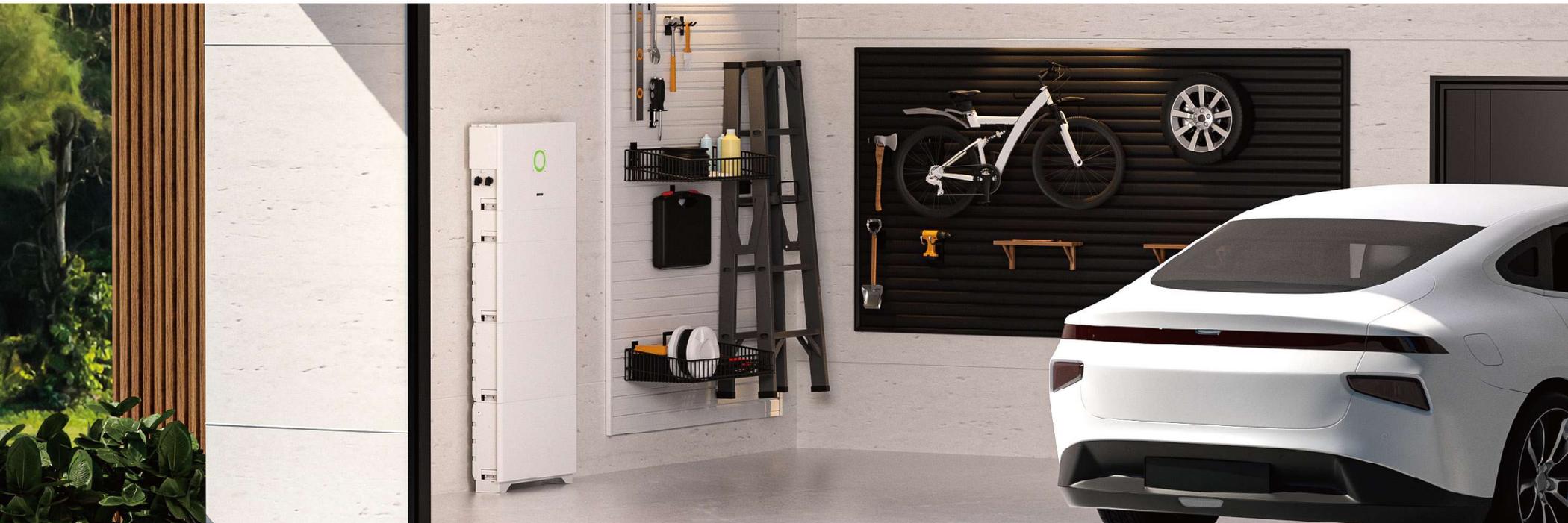
## Accessories

eManager



ATS





**3-6kW / 5-12kW**

Power Range



**5-40kWh**

Modular Design



**Blind Plug**

Installation



**IP65**

Outdoors



**EV Charger**  
Integrated



**1.7" Ultra-Slim**

Space Saving

**Skinny**



**DC-DC Optimizer**

Simplify Warehouse  
Management & Eliminate  
Cask Effect



Ultimate Fire Defense  
**185°C** Thermal  
Activation in **3** Seconds



**24/7**

Home Energy Storage System



**-30°C Max. - 50°C**

Self-heating Mechanism  
for Extreme Weather



**AI Saving**

