END-TO-END ENERGY INFRASTRUCTURE

RESIDENTIAL & HOME ENERGY SOLUTION

Energy Independence
Starts at Home



ALL-IN-ONE DELIVERY

One complete home energy solution integrating solar, storage, EV charging, and intelligent controls — delivered as one system.

SMART ENERGY SAVINGS

HEMS intelligently optimizes solar generation, battery storage, scheduled EV charging and home energy usage to maximize energy savings.

ALWAYS SAFE

Multi-layer protection safeguards your home, battery system, and connected devices for worry-free everyday use.

A Day in Smart Energy Living

Your Energy, Throughout the Day

06:00	12:00	22:00	02:00
Solar Generation Begins	Excess Energy Stored	EV Charging Starts	Backup Power Ready

• WHY ZO POWER

- Backed by ZO FUTURE
- Fleet Synergy with ZO MOTORS
- FULL-SCENARIO SOLUTIONS
- Zo Power EnergyOS
- Global Delivery Network

CHALLENGES

01 Rising Household Electricity Costs
Increasing utility prices place growing pressure on household energy expenses.

02 Limited Energy Resilience
Power outages can disrupt daily life and compromise comfort and security.

03 Managing Multiple Energy Assets
Solar panels, batteries, EVs, and household loads often operate independently without optimization.

04 Complex Installation & System Integration
Installing solar, battery storage, chargers, and home systems often requires multiple vendors and complex coordination.

OUR SOLUTIONS

Integrated Home Energy System
Integrate solar PV, battery storage, EV charging, and HEMS into one intelligent home energy system.

→ Eliminating multi-vendor complexity and compatibility risks.

Home Energy Optimization
Maximize solar self-consumption through ESS, store excess solar energy, and intelligently optimize household energy usage.

→ Lower household electricity bills

Flexible EV Charging
Portable plug-in charging solutions or AC charging seamlessly integrated with your home energy system.

→ Easy to install. Easy to charge.

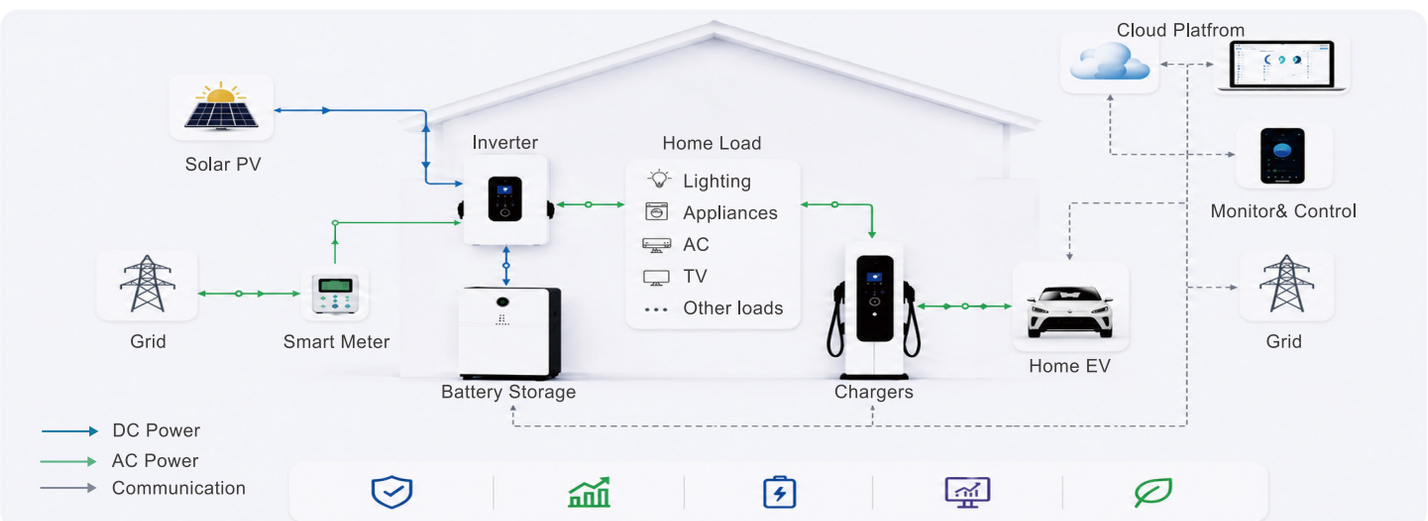
Home Energy Management System (HEMS)
Intelligently schedules EV charging and home energy usage during off-peak hours while enabling remote diagnostics, and OTA updates.

→ Always optimized. Always up to date.

IDEAL APPLICATIONS

- Single-Family Homes
- Villas & Luxury Residences
- Off-grid households
- Residential Community

SOLUTION ARCHITECTURE



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