Website | LinkedIn | YouTube

www.sigenergy.com

Sigenergy focuses on developing cutting-edge home and business energy solutions, with products ranging from energy storage systems to solar inverters and EV chargers. Our world-class R&D team of hundreds of top industry experts shares the vision of making the world greener via continuous innovation. With global sales and services, we aim to become our customers' most trusted partner on their journey to a more sustainable future.

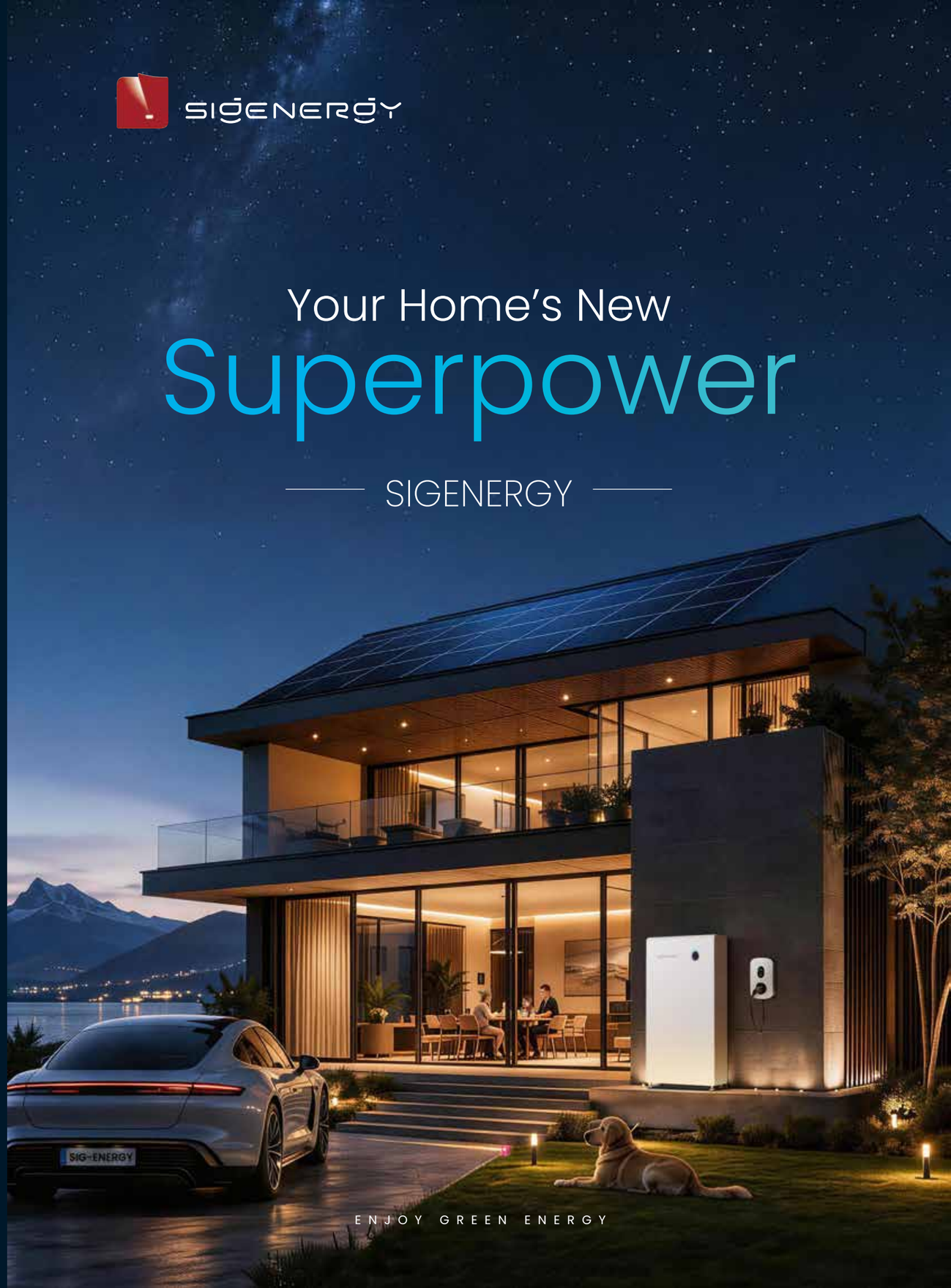
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Version: 20260701

SIGENERGY

Your Home's New Superpower

SIGENERGY



ENJOY GREEN ENERGY

Enjoy Green Energy

Sigenergy focuses on developing cutting-edge all-scenario energy solutions, with products ranging from energy storage systems to solar inverters and EV chargers. Our world-class R&D team of hundreds of top industry experts shares the vision of making the world greener via continuous innovation. With global sales and services, we aim to become our customers' most trusted partner on their journey to a more sustainable future.

SigenStor

Your flagship all-in-one energy system for solar, storage, and EV charging.

SigenStor Neo

Your premium solar-storage solution for everyday energy and backup.

SigenMate

Balcony solar energy, ready at home or on the move.



SigenFlux

Smart heating, optimized by solar energy.



SigenMicro

Safe, efficient solar from roof to balcony.



Sigen Sensor

The eyes of your home energy system.



mySigen App

Your AI-powered home energy assistant.



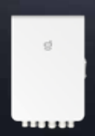
Sigen Hybrid Inverter

Solar power for your home, battery ready.



Sigen Battery

Stores your solar energy for when you need it most.



Sigen Gateway

Controls your home energy and smart loads.



Sigen EVAC

Smart home EV charging, ready for V2X.

Power for Every Lifestyle



Save on energy bills



Stay powered through outages



AI powers energy trading



Freedom beyond the grid



Solar for any roof



Power from your balcony



Smart EV charging



Upgrade existing solar

Not Sure How to Run Your Energy? Just Ask, Sigen AI Handles It

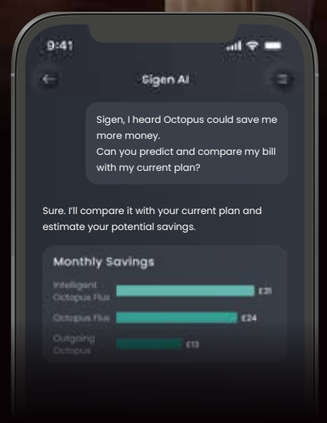
Introducing Sigen AI



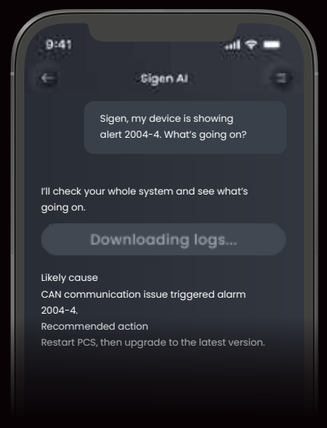
Set It Up Your Way



Find the Best Energy Plan



Understand What's Going On



Control Your Home Comfort



Let Sigen AI Plan Your Energy Strategy

Sigen, enable AI Mode for me.
I heard it's pretty powerful.

Sure. Let me take care of it.
Collecting and analyzing the following data...

Weather Data	Load Forecast	Dynamic Tariff	PV Generation Forecast
24°C | Sunny	18.4 kWh	or TOU Pricing	28.6 kWh

Sigen AI Mode is now on.

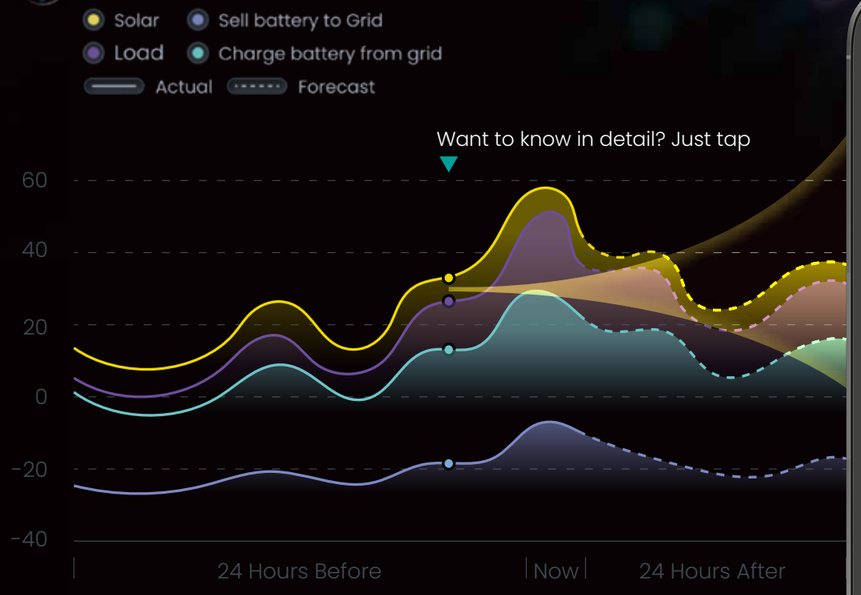
Tomorrow »

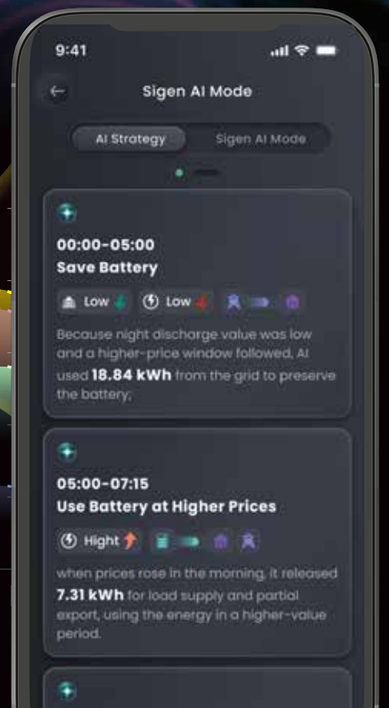
Taday'S Strategy

AI reduces today's electricity cost

- Charge battery energy at low prices,
- Discharging at high prices,
- Exporting surplus PV,
- Recharging before the evening.

Curious How It Works? Tap to See





2 AI That Powers Your Home

Sigenergy Smart Home Solution



Connect and control loads via Shelly Smart Switches, Smart Ports on Sigenergy devices, Sigen Smart Breakers, and Sigenergy Loads.

Smart Control for Connected Loads

Set operating modes and schedules for connected smart loads, or let them adjust automatically based on the current system mode.

Sigen EVAC Charger

0:00–24:00
Sigen AI Mode

Heat Pump

8:00–18:00
Use excess PV power

18:00–24:00
Force start with any energy source

Dryer

12:00–16:00
Use excess PV power

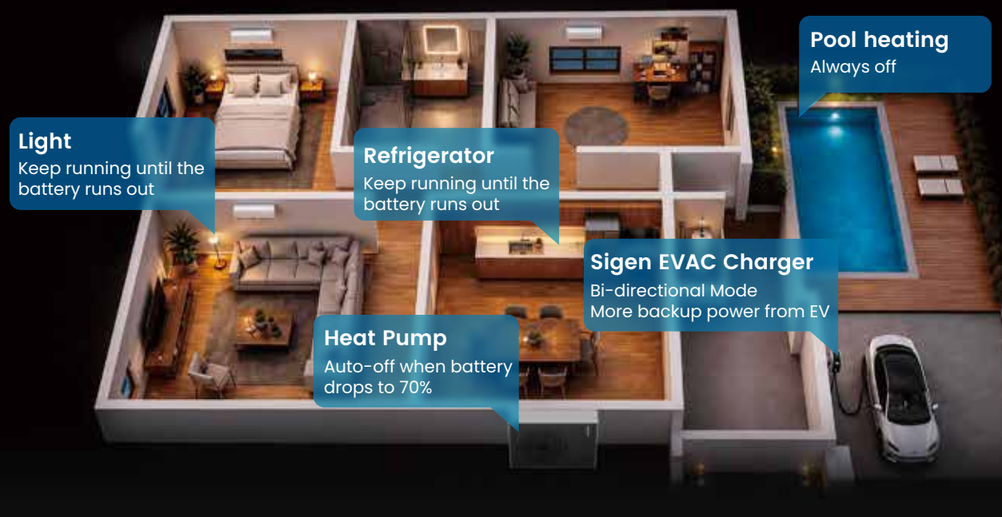
19:00–20:00
Use battery power until it drops to 50%

Refrigerator

0:00-24:00
Depends on system

Customize Backup for Longer Runtime

During an outage, you can customize when each smart load automatically turns off based on battery level, helping extend backup runtime.



Precision Heat Optimized by AI

Introducing SigenFlux — an AI-driven, solar-powered heating solution for a smarter, warmer, and more efficient home.

Eco-friendly R290 refrigerant heating down to -25°C

Seamless Sigenergy ecosystem integration

Room-level temperature control



3 All Round Protection
Peace of Mind, Built In



8 Layers Battery Protection

		Industry average
1	**Full coverage temp. detection** Always monitoring the entire system	☒
2	**High-temp. resistance insulated pads** Complete electrical isolation for your family	☒
3	**Aerogel insulated pads** Heat shields isolate every single battery cell	☒
4	**Decompression valve** Breathes safely to prevent internal buildup	☒
5	**Internal fire extinguishing kit** Instantly eliminates internal fire risks	☑
6	**Humidity sensor** Prevent any water damage inside battery	☒
7	**Circuit insulation protection** Constant circuit health-check to ensure safety	☑
8	**Connector temperature monitoring** Detects heat at connections before it matters	☒

IP66 · C5-M · -20°C

Built for Reliable Performance



All-Weather Ready



Corrosion Resistant



Built for the Cold

4 0 ms load-side disruption
Grid Down? You Won't Even Notice.



5 V2X Bi-directional Charging
Turn Your EV Into a Giant Home Battery.

A Smarter Home, In Action

Trusted by Families Around the World



Built for coastal living, SigenStor resists corrosion and runs reliably, integrating with Shelly to power a smarter, greener Sigenergy Smart Home ecosystem.

Spain



In Sweden's year-round cold, SigenStor operates reliably, while Sigen AI generates additional income for the homeowner.

Sweden



In the harsh heat of African desert, SigenStor operates reliably off-grid, providing clean energy where it's needed most.

Namibia



One ecosystem, fully integrated. combining SigenStor, Sigen Gateway, Sigen EVAC, and SigenStor EVDC, with SigenMicro enabling future AC expansion.

Germany



In North America, facing hurricanes and blizzards, SigenStor seamlessly switches off-grid, ensuring stable energy even during grid outages.

United States



At a Cambridge property, solar powers the home for true self-consumption, with DC and AC chargers installed to enable a fully green lifestyle.

United Kingdom



SigenStor EVDC leverages V2X to enable EV-to-home power supply, providing additional energy for a villa in Bangkok.

Thailand