

# Sigenergy

## Empower your business

**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.

500+

Employees  
Feb. 2024

200+

Patents Applied  
Feb. 2024

6 GWh

Battery Production Capacity

70%

R&D Personnel

20+

Countries

12 GW

Inverter Production Capacity

### Get to know Sigenergy

#### Full Product Portfolio

SigenStor

SigenStor EC

SigenStor EVDC

SigenStor BAT

mySigen App

Sigen Hybrid Sigen PV Max

Sigen CommMod

Sigen Gateway

Sigen EVAC

Sigen Sensor

Contact Sigenergy

Website

LinkedIn

YouTube

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ENJOY GREEN ENERGY

Achieve Together  
with Sigenergy



# Let numbers talk

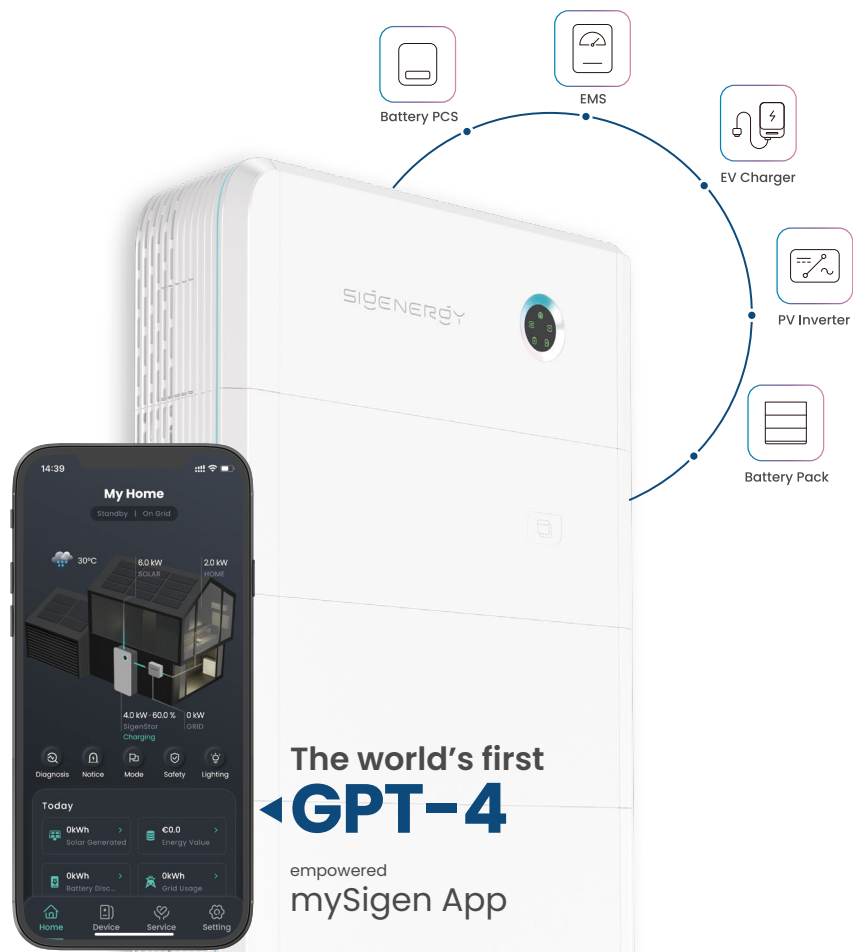
Know Sigenergy from facts



## SigenStor

The world's first

# 5-in-One

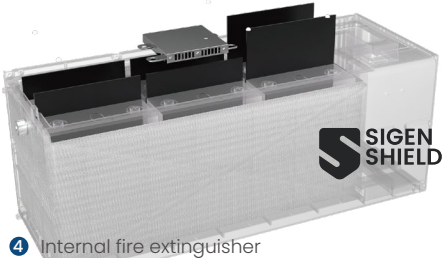


The world's first  
**GPT-4**  
empowered  
mySigen App

### 5 layers

Battery protection

- 1 Full coverage temp. detection
- 2 Aerogel insulated pads
- 3 High-temp. resistance insulated pads
- 4 Internal fire extinguisher
- 5 Decompression valve



### 15 mins

Stackable installation

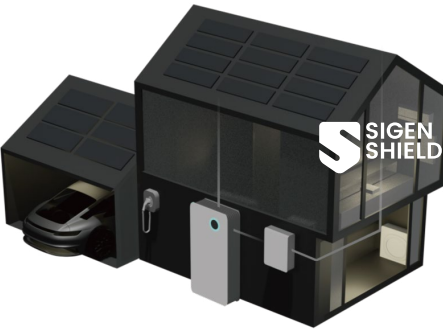
Quick self-guided  
connectors



### 5 layers

System protection

- 1 Arc fault circuit interrupter
- 2 PV disconnection protection
- 3 DC ground-fault protection
- 4 Grid fault protection
- 5 DC bus protection

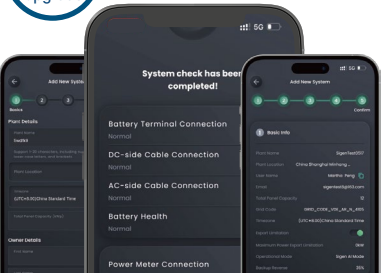


### 5 mins

Fast commissioning

- Step 1 Scan to add a new system
- Step 2 Fill out details
- Step 3 Fast software upgrade
- Step 4 Confirm preset parameters
- Step 5 One-click full system check
- Step 6 Confirm

2 mins  
OTA software  
upgrade



### 0 ms

Load-side disruption

Sigen power control algorithm,  
smooth running of home loads.

Seamless

10 ms UPS

20 ms Computer/TV

40 ms LED lamp

500 ms Incandescent lamp

### MWh level

Max. energy capacity

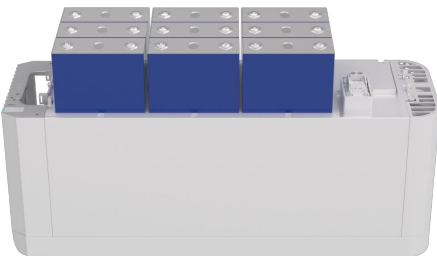
Connect in parallel  
Auto. detection & networking  
No need to set devices individually



### 280 Ah

Long cycle-life battery cell

9 battery cells in one 8 kWh pack  
Human-safe battery voltage  
32% higher energy/volume density



### 1-click

Full system diagnosis

One-click diagnosis on one SigenStor or  
entire multi-connections.  
Detailed check on cabling & batteries status

