

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
June 2023

110+

Patents Applied
June 2023

6 GWh

Battery Production Capacity

70%

R&D Personnel

20+

Countries

12 GW

Power Production Capacity

Get to know Sigenergy

Full Product Portfolio

SigenStor



SigenStor EC
SigenStor AC

SigenStor EVDC

SigenStor BAT

mySigen
APP



Sigen
Gateway



Sigen Hybrid
Sigen PV Max



Sigen
EVAC



Sigen
CommMod



Sigen
Sensor



Contact Sigenergy



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ENJOY GREEN ENERGY

Achieve Together with Sigenergy



Let numbers talk

Know Sigenergy from facts



SigenStor

The world's first

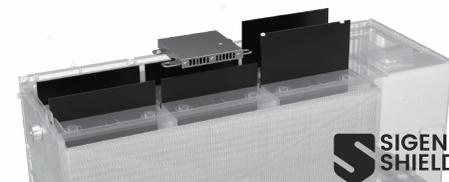
5-in-One



The world's first
GPT-4
empowered
mySigen APP

5 layers Battery protection

- 1 Full coverage temp. detection
- 2 Aerogels insulated pads
- 3 High-temp. resistance insulated pads



- 4 Internal fire extinguisher
- 5 Decompression valve

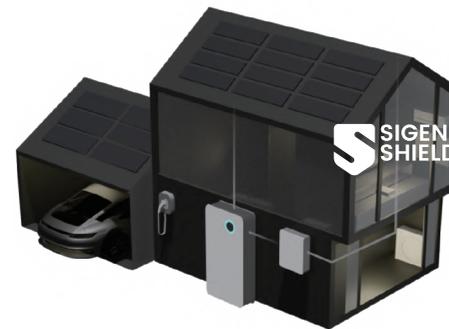
15 mins Stackable installation

Quick self-guided connectors



4 layers System protection

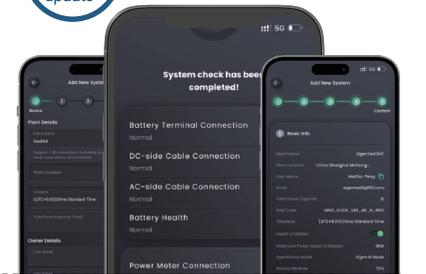
- 1 PV disconnection protection
- 2 DC ground-fault protection
- 3 Grid fault protection
- 4 DC bus protection



5 mins Fast commissioning

- Step 0 Scan to add a new system
- Step 1 Fill out details
- Step 2 Fast software upgrade
- Step 3 Confirm preset parameters
- Step 4 One-click full system check
- Step 5 Confirm

2 mins
OTA software update



5 ms switch to backup mode

5ms

0 ms switch to grid/generator

10 ms UPS

Sigen power control algorithm, smooth running of home loads.

20 ms Computer/TV

40 ms LED lamp

500 ms Incandescent lamp

10 pcs Max. connections in parallel

480 kWh Max. energy capacity

1~10 connectable on demand
Auto. detection & networking
No need to set devices individually



280 Ah Long cycle-life battery cell

9 battery cells in one 8 kWh module
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

