

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.

530+

Employees
Apr. 2024

250+

Patents Applied
Apr. 2024

6 GWh

Battery Production Capacity

70%

R&D Personnel

35+

Countries

12 GW

Inverter Production Capacity

5-in-One One for All



All business
from residential to C&I

All systems
from on-grid to micro-grid

All places
from somewhere to anywhere

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

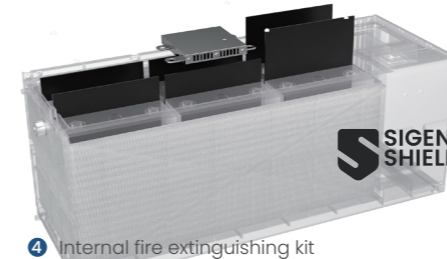


The world's first
GPT-4
empowered
mySigen App

5 layers

Battery protection

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



15 mins

Stackable installation

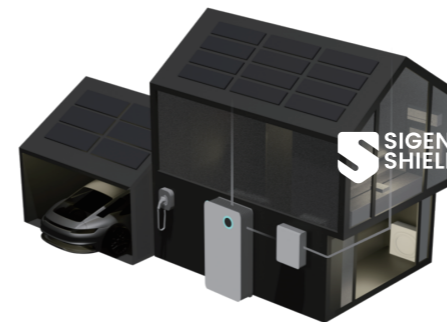
Quick self-guided connectors



5 layers

System protection

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



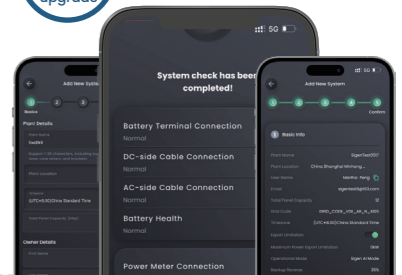
*This is an optional feature, only supported in certain models, please contact Sigenergy for more information.

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

20 ms Computer/TV

40 ms LED lamp

500 ms Incandescent lamp

* Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller is higher than the total power of the backup loads.

MWh level

Flexible 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

