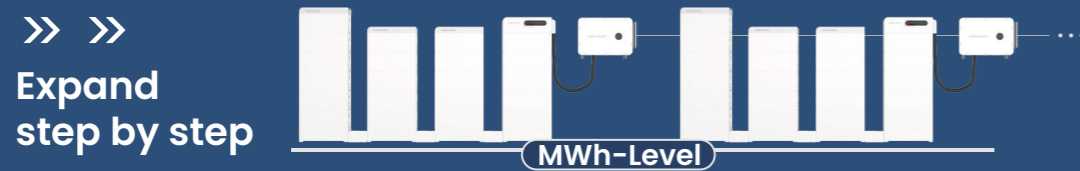
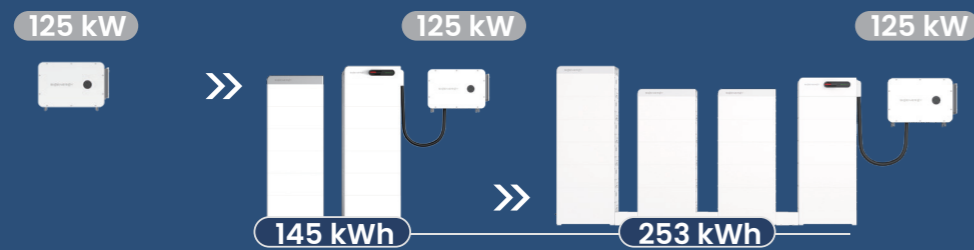
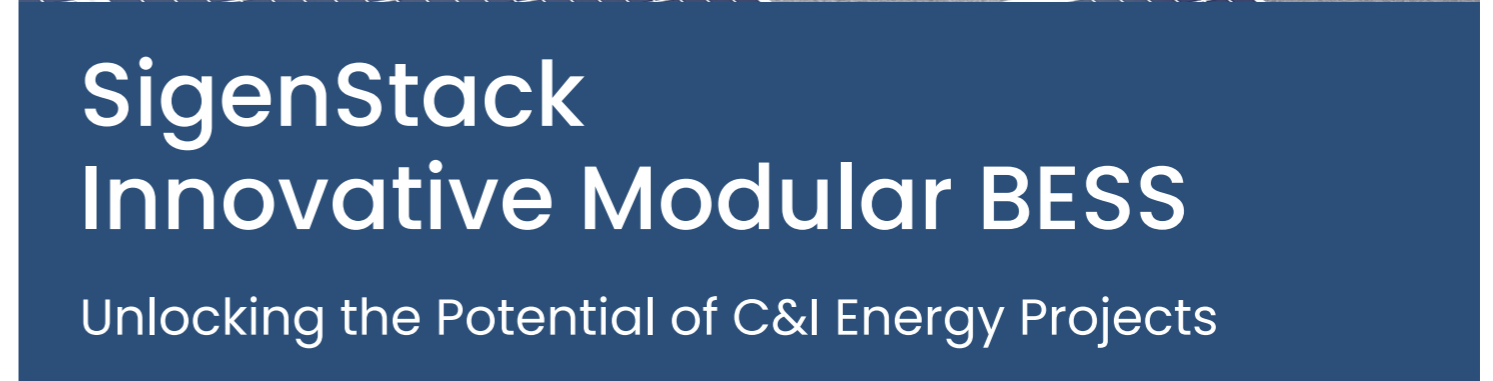


SigenStack Innovative Modular BESS

Unlocking the Potential of C&I Energy Projects



Website



LinkedIn



YouTube

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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www.sigenergy.com

Innovative Modular BESS

Sigenergy modular BESS energy solution provides customers with flexible, reliable, efficient, and sustainable commercial applications. The solution contains a "Battery Ready" inverter, enabling a true DC-coupling solution that empowers customers with substantial value by optimizing CAPEX (capital expenditures), slashing OPEX (operating expenses), and enhancing system efficiency.

1 The Industry's Smallest & Lightest C&I Inverter

- ✓ Easier to carry and install
- ✓ 19% less weight, 36% smaller size
- ✓ Fit 65 more inverters in a 40ft container

Sigenergy

L 918mm
W 340mm
H 640mm

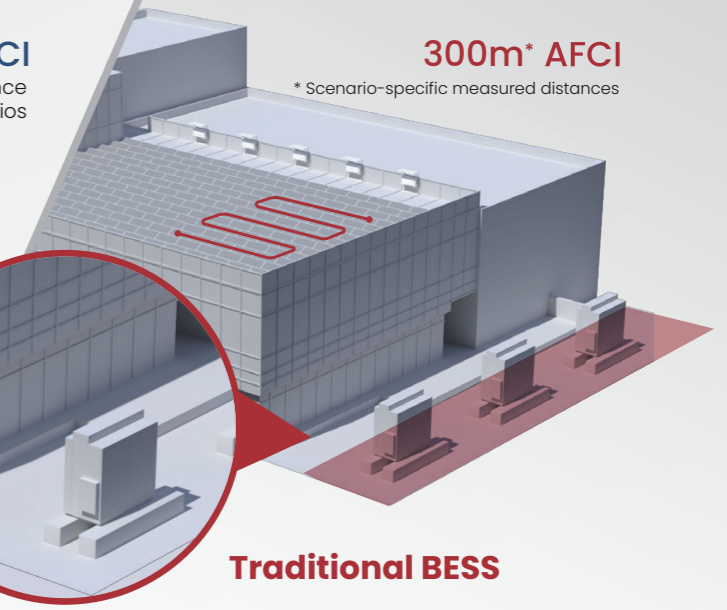
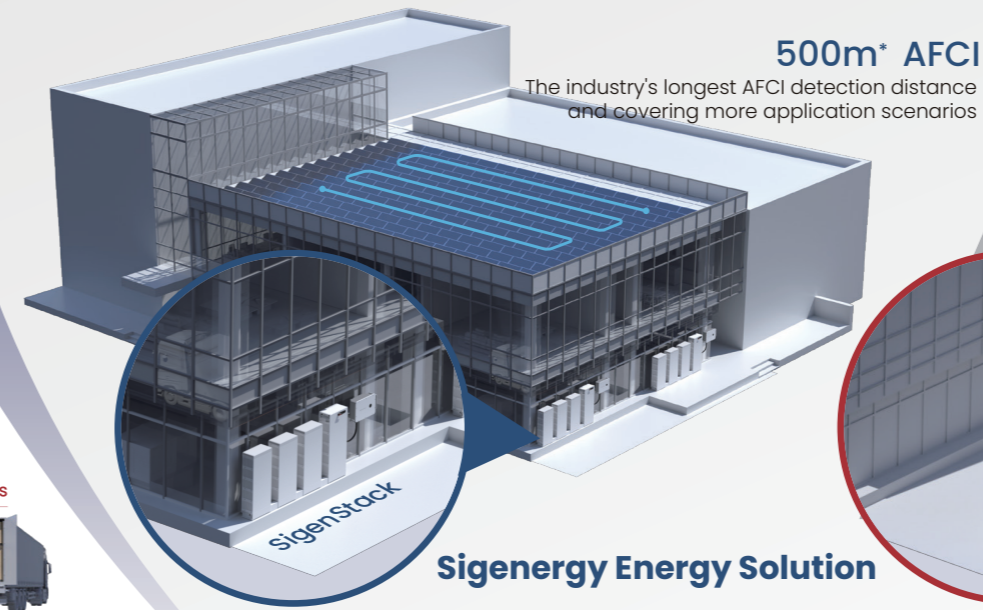
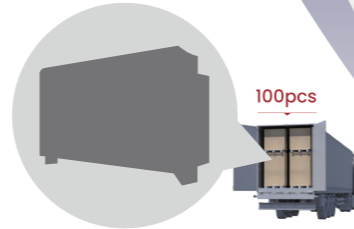
75 kg



Traditional

L 1000mm
W 360mm
H 660mm

>85 kg

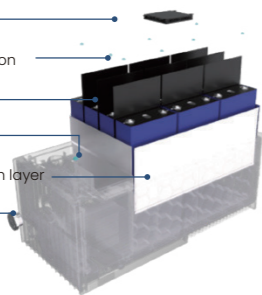


2 Pack-level Safety Protection

Sigenergy

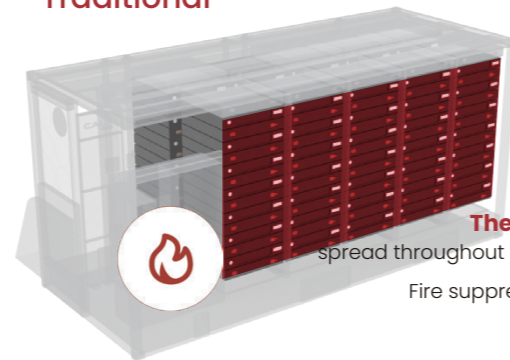
Fire suppression system per **12 kWh**

- 1 Fire extinguishing kit
- 2 Full-coverage temp.detection
- 3 High-temp. resistant insulated pad
- 4 Smoke Sensor
- 5 Insulation and heat isolation layer
- 6 Decompression valve



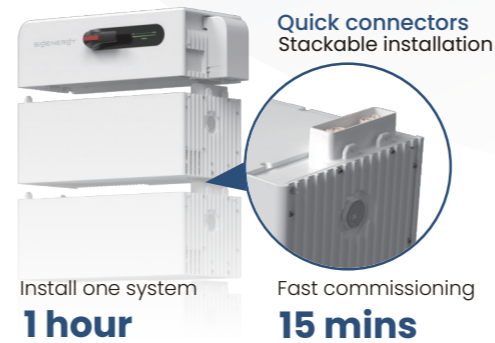
- ✓ 6-layer safety protection inside each battery pack
- ✓ 60 seconds faster detection of cell thermal runaway
- ✓ 160 times more accurate than traditional fire suppression system

Traditional

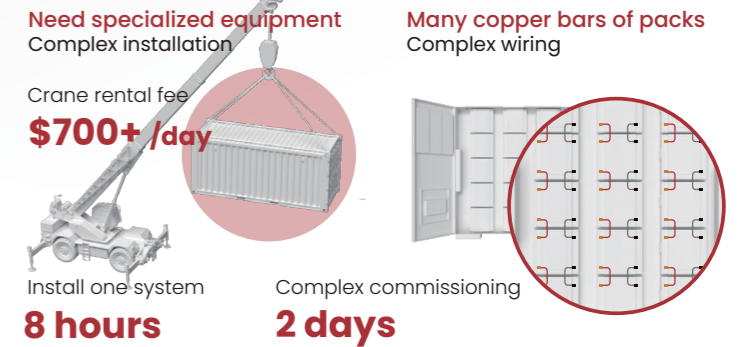


4 Faster Installation & Commissioning

Sigenergy

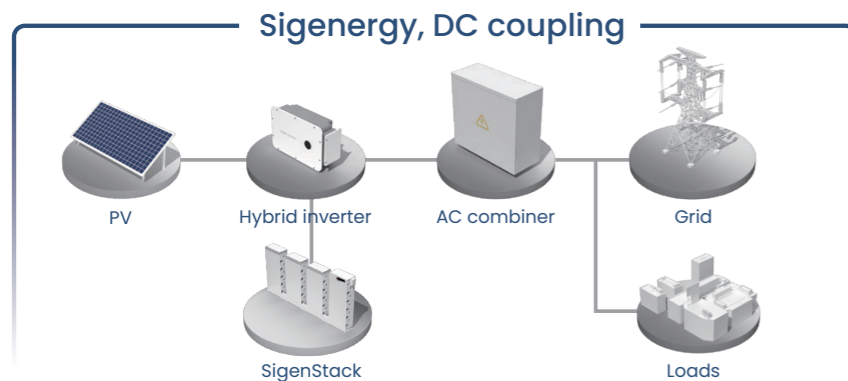


Traditional



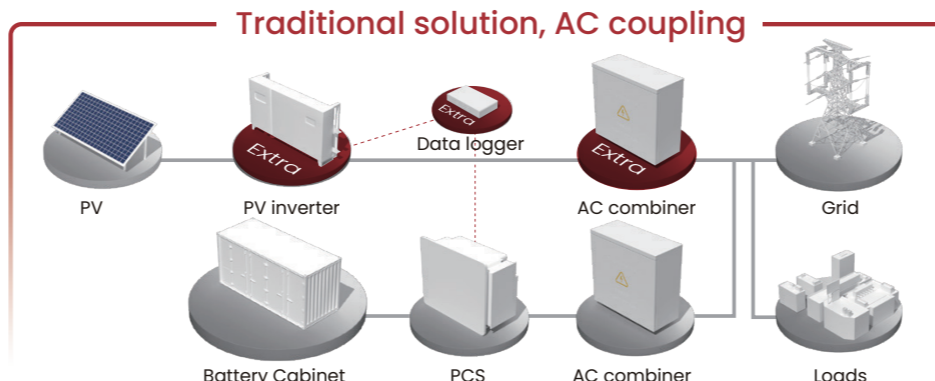
3 Advanced DC Coupling System

- ✓ Free from PV inverters, a data logger and an AC combiner
- ✓ About **2%** higher RTE (round-trip efficiency) than AC-coupling



Fewer devices
Save CAPEX

RTE increase
2%



Extra devices needed
Additional cost

5 Free of Regular & Complex O&M

- ✓ IP66 protection rating ensures the long-term reliability, zero-touch O&M

Build & Forget



Complicated O&M

