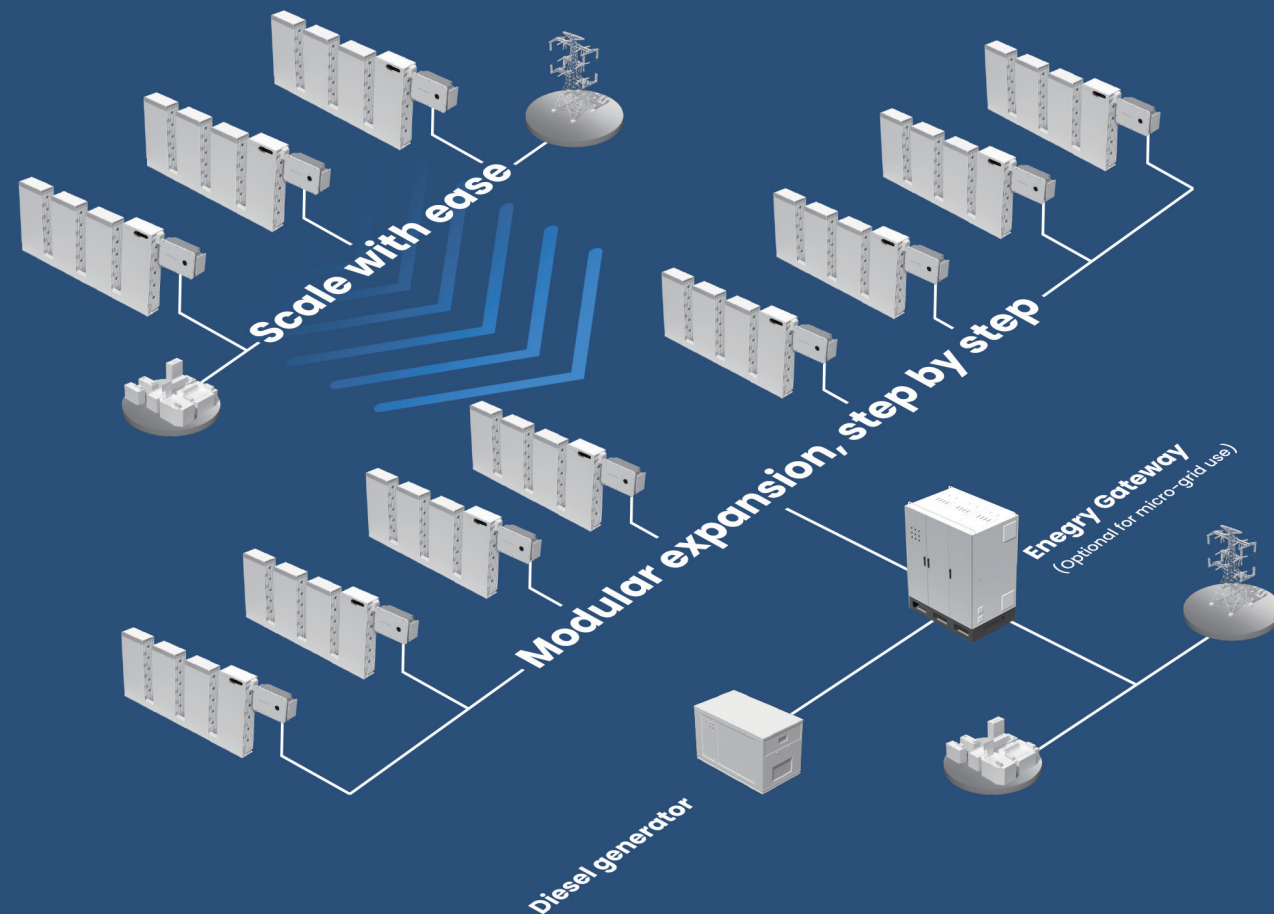




SigenStack Innovative Modular BESS

Unlocking the Potential of C&I Energy Systems



Website



LinkedIn



YouTube

SigenEnergy 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.sigenenergy.com

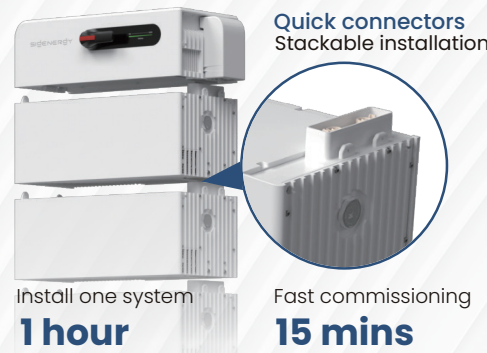


Innovative Modular BESS

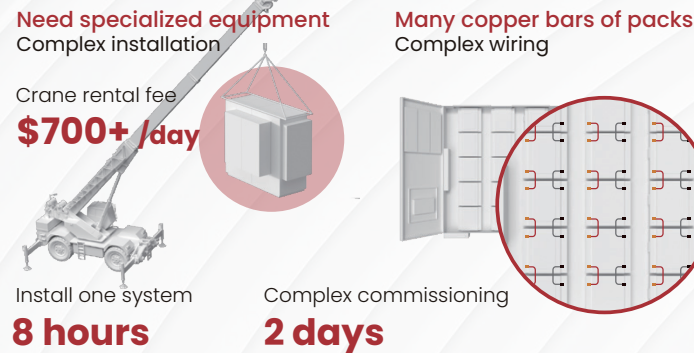
Sigenergy modular BESS energy solution supports both on-grid & off-grid systems, providing customers with flexible, reliable, efficient, and sustainable commercial applications. The solution contains a "Battery Ready" inverter, enabling a true DC-coupling solution that empowers customers with substantial value by optimizing CAPEX (capital expenditures), slashing O&M cost, and enhancing system efficiency.

1 Faster Installation & Commissioning

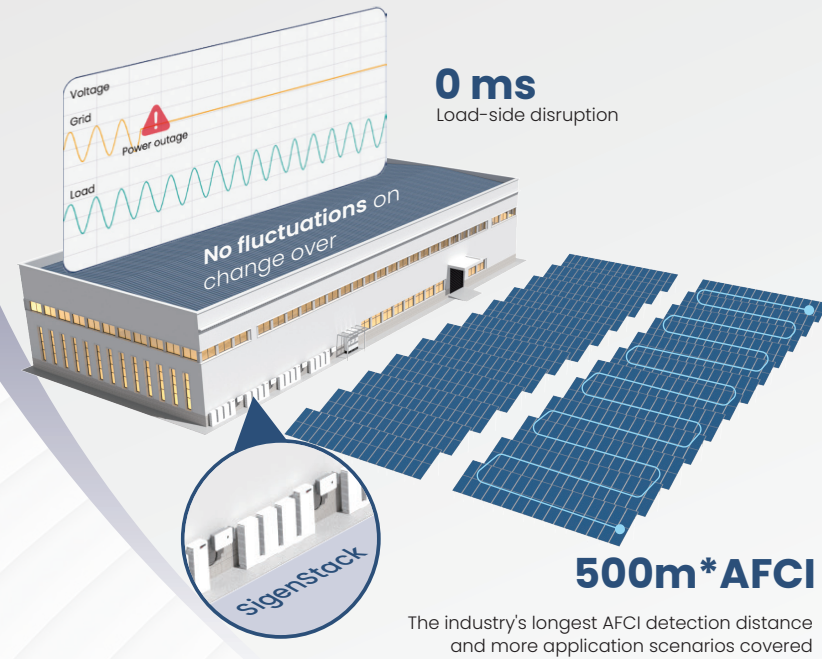
Sigenergy



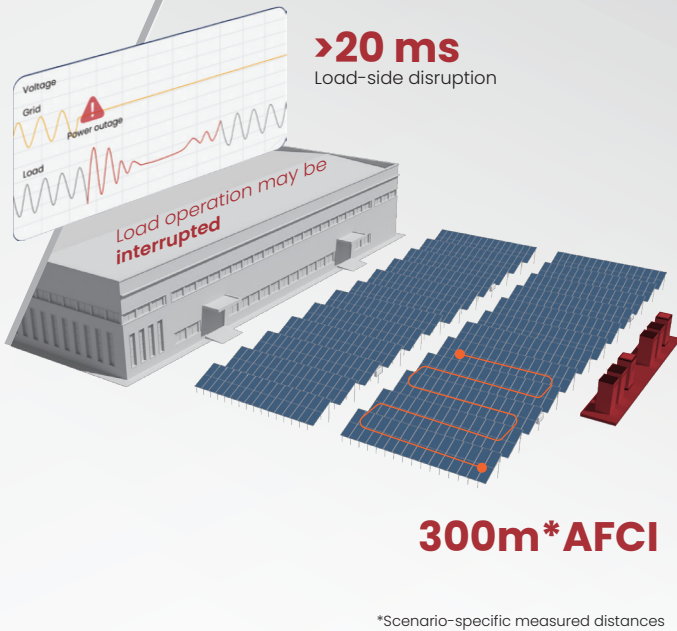
Traditional



Sigenergy Energy Solution



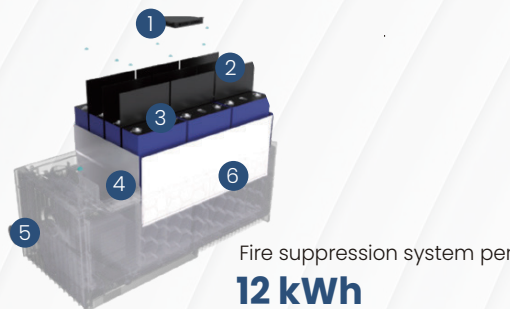
Traditional BESS



2 Pack-level Safety Protection

Sigenergy

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



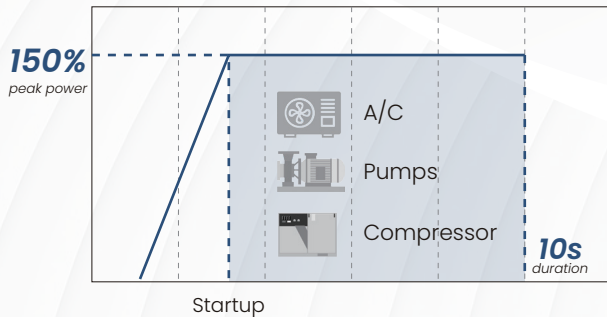
- ✓ 6-layer safety protection inside each battery pack
- ✓ 60 seconds faster detection of cell thermal runaway
- ✓ 18 times more precise than traditional safety protection

Traditional

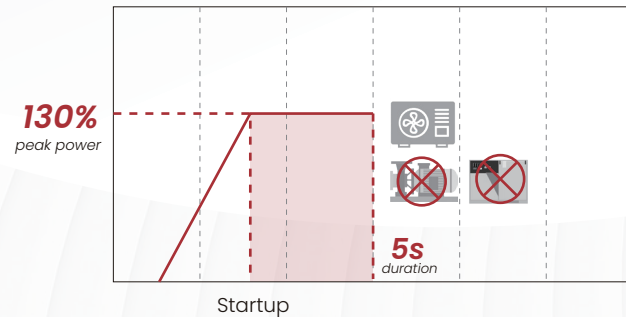


3 Stronger Overload Capacity

Sigenergy Handle impact loads for smooth startup



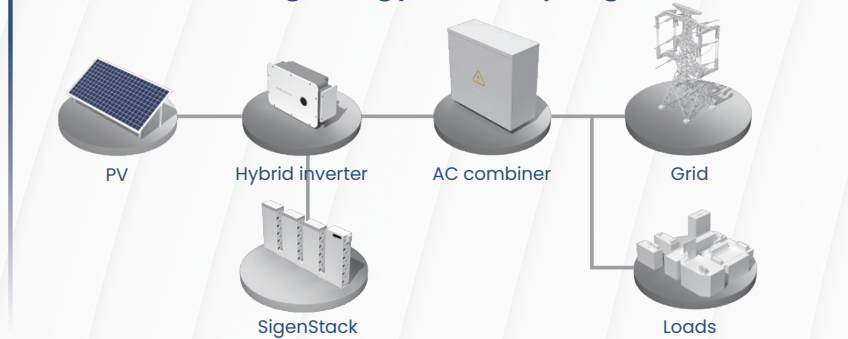
Traditional Limited duration and overload capability



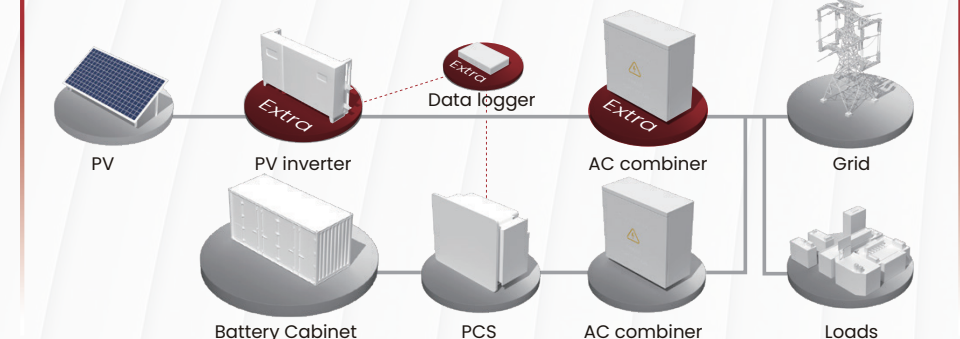
4 Advanced DC Coupling System

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

Sigenergy, DC coupling



Traditional solution, 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

