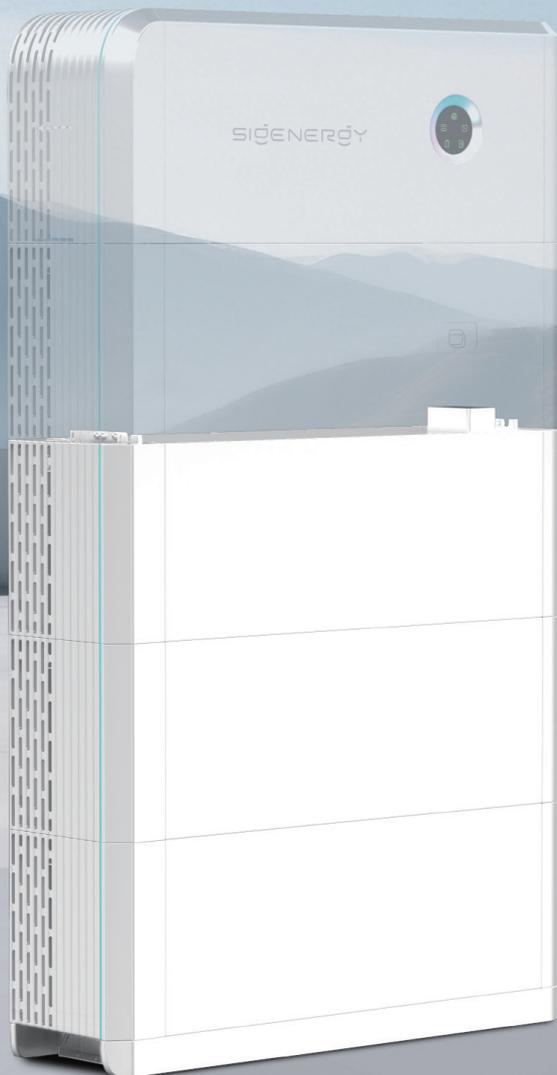


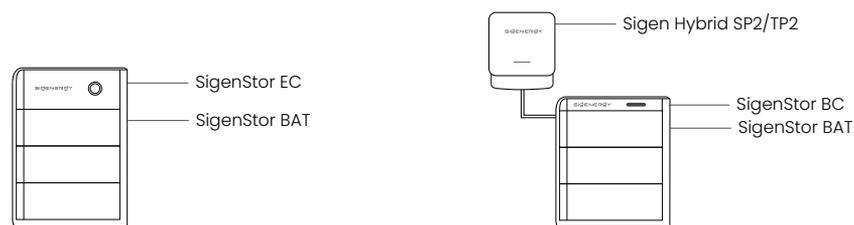
Sigen Battery

- Premium 314Ah cells with 10,000 cycles, long-lasting & reliable
- 5-layer battery safety protection to define the safety standard
- Battery optimizer inside, mix old and new, upgrade with ease
- Higher energy density, efficient storage, compact design
- 100% depth of discharge, maximum energy utilization



Sigen Battery 6.0 / 10.0

SigenStor BAT	6.0	10.0	Units
Performance Specification			
Battery type	LiFePO4		
Cell capacity	314		
Cycle life ¹	10000		
Total energy capacity	6.02	9.04	kWh
Usable energy capacity ²	5.84	8.76	kWh
Depth of discharge ³	100%		
Max. charge / discharge power	3000	4600	W
Peak charge / discharge power (10 seconds)	4500	6900	W
General Data			
Weight	62	78	kg
Dimensions (W / H / D)	767 / 270 / 265		
Storage temperature range	-25 ~ 60		
Operating temperature range	-20 ~ 55		
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		
Compatible inverters	SigenStor EC series, Sigen Hybrid SP2/TP2 series ⁴		
Standard Compliance			
Standard ⁵	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62477		
	SigenStor BC		
Operating voltage range (Single Phase)	300 ~ 600		
Operating voltage range (Three Phase)	600 ~ 900		
Weight	8		
Dimensions (W / H / D)	765 / 109 / 260 (without decorative cover)		
Compatible battery	SigenStor BAT series		
Compatible inverter	Sigen Hybrid SP2/TP2 series		
Communication	CAN		



1. This is provided by the battery cell manufacturer. Based on cell test condition of 25±2°C 0.5C charge and discharge rate and SOH=60%.
2. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
3. Refers to the usable energy capacity. Battery must be recharged within 7 days after being fully discharged to keep battery healthy.
4. SigenStor BC must be used if Sigen Hybrid SP2/TP2 is to be connected to the Sigen Battery.
5. For all standards refer to the certificates category on the Sigenenergy website.

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Energy for every scenario



Backup power needed



EV Charging required



Bi-directional charging



Dynamic tariff available



Remote powerless areas



VPP trading enabled



Carbon footprint reduced



Generator compatible



Electricity cost saved

More scenarios

Contact Sigenergy



Website



LinkedIn



YouTube



Instagram

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Power your home with Sigenergy



Light That Matches Your Style



Customize lighting language

Perfectly Tailored for Your Home's Ambience

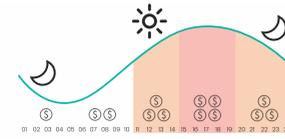
Modes That Match Your Life



Energy consumption patterns

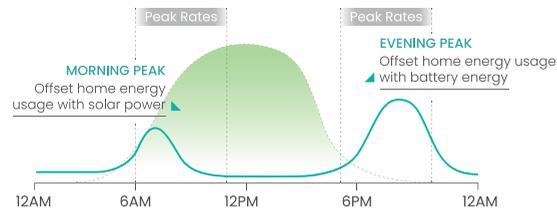


Weather data

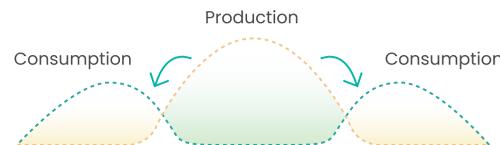


Electricity rates
Dynamic tariffs accessible

1) Sigen AI mode



2) TOU (Time of Use) Mode



3) Max. Self-consumption

Safety That You Can Feel

Longer cycle life

10,000 times

battery cell cycle life*

*Under specific conditions.



Uninterrupted power supply

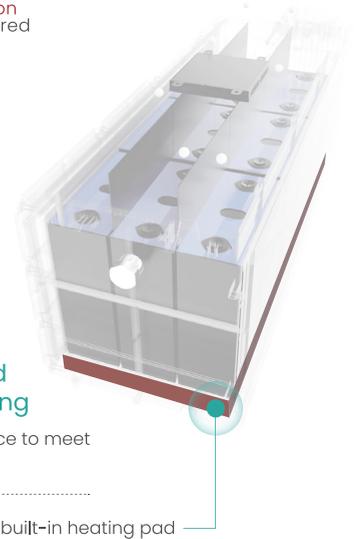
0 ms

Load-side disruption*



EV-level safety

- | | |
|---------------------------------------|----------------------------------|
| 1 Full coverage temp. detection | Other solution Not fully covered |
| 2 Aerogel insulated pads | ✗ |
| 3 High-temp. resistance insulated pad | ✗ |
| 4 Internal fire extinguishing kit | ✗ |
| 5 Decompression valve | ✗ |



Peak performance in freezing conditions



Support heating pad preheating scheduling

Schedule heating in advance to meet your power needs

-20°C stable operation with built-in heating pad

• SigenStor

AI-powered home energy solution

The world's first
5-in-One
ESS system



Grow as You Go

Whole home backup supported



Battery optimizer

Mixed use of new&old batteries

IP66 protection rating

Worry-free outdoor use

Charge on Demand

World's first V2X-integrated all-in-one ESS



Innovative V2X ready

Bi-directional charge/discharge

25 kW fast charging

Rapid energy replenishment



Scan to know
V2X tested EVs