



# C&I Rack Mounting BESS (HV) (15.66-67.86) kWh

**FROM GRID TO HOME**

# KEY FEATURES



## Modular Design & Easy Installation

- Rack-mounted design enables rapid deployment and on-demand capacity scaling.

## Safety & reliability

- High-security LiFePO<sub>4</sub> chemistry material delivers superior thermal stability and extended cycle life.

## Multi-layer protection

- Real-time SOH monitoring plus fast-acting safety mechanisms instantly flag and isolate faults for worry-free operation.

## Wide-Temperature Operation

- Operates for  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ , covering both extreme-cold and high-heat applications.

## Flexible configuration

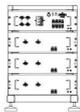
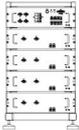
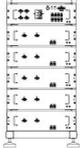
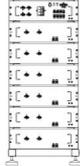
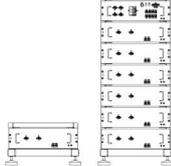
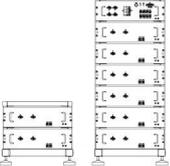
- 3-13 battery packs can be freely combined per cluster for up to 67.86kWh, with multi-cluster parallel expansion supported.

## High compatibility

- Compatible with mainstream three-phase inverters, balancing peak efficiency and safety.



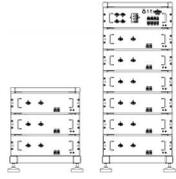
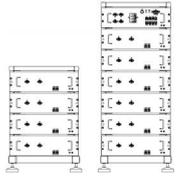
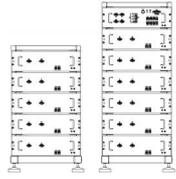
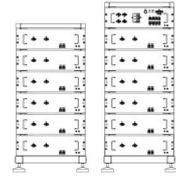
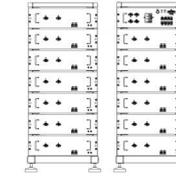
# C&I Rack Mounting BESS (HV) (15.66-67.86) kWh

Type Designation	SieB-HP15K6-M	SieB-HP20K8-M	SieB-HP26K1-M	SieB-HP31K3-M	SieB-HP36K5-M	SieB-HP41K7-M
<b>Technical data</b>						
Rated energy* [kWh]	15.66	20.88	26.11	31.33	36.55	41.77
Module type	SieB-HP5222-M					
Module parameter	5.22kWh 51.2V 102Ah 465*545.3*135mm 44±1kg					
Cell type	LFP (LiFePO4)					
	3	4	5	6	7	8
Max. module configuration						
Cell configuration	1P48S	1P64S	1P80S	1P96S	1P112S	1P128S
Nominal voltage [V]	153.6	204.8	256	307.2	358.4	409.6
Operating voltage range [V]	134.4-172.8	179.2-230.4	224-288	268.8-345.6	313.6-403.2	358.4-460.8
Max. continuous current** [A]	50					
Max. continuous power** [kW]	7.7	10.2	12.8	15.4	17.9	20.5
Peak discharge power [kW]	15.4	20.5	25.6	30.7	35.8	41.0
Peak discharge current [A]	100A @1min					
Communication	CAN / RS485					
Parallel connect	A maximum of 4 clusters with CAN communication					
Weight [kg]	170	218	265	312	360	407
Dimensions (W*D*H) [mm]	3 PACK + 1 BDU: 480.6*537*670mm; 6 PACK + 1 BDU: 480.6*537*1095mm					
Operating temperature [°C]	Discharge: -20-50°C; Charge: 0-50°C					
Storage temperature [°C]	-30~55 (≤6 Months)					
Humidity [%]	5-95					
Altitude [m]	≤2000					
Degree of protection	IP20 (Indoor)					
Cooling	Natural convection					
Installation location	Floor-standing					
Display	Status indicator					

\* Test conditions: 2.5V-3.65V, 0.2C Charge (CC-CV) and Discharge at 25±3°C, 100% depth of discharge (DOD);

\*\* Max. Continuous Current / Power derating will occur related to Temperature / SOC / Humidity;

# C&I Rack Mounting BESS (HV) (15.66-67.86) kWh

Type Designation	SieB-HP47K0-M	SieB-HP52K2-M	SieB-HP57K4-M	SieB-HP62K6-M	SieB-HP67K8-M
<b>Technical data</b>					
Rated energy* [kWh]	47	52.22	57.44	62.66	67.86
Module type	SieB-HP5222-M				
Module parameter	5.22kWh 51.2V 102Ah 465*545.3*135mm 44±1kg				
Cell type	LFP (LiFePO4)				
Max. module configuration	9 	10 	11 	12 	13 
Cell configuration	1P144S	1P160S	1P176S	1P192S	1P208S
Nominal voltage [V]	460.8	512	563.2	614.4	665.6
Operating voltage range [V]	403.2-518.4	448-576	492.8-633.6	537.6-691.2	582.4~748.8
Max. continuous current** [A]	50				
Max. continuous power** [kW]	23.0	25.6	28.2	30.7	33.93
Peak discharge power [kW]	46.1	51.2	56.3	61.4	66.56
Peak discharge current [A]	100A @1min				
Communication	CAN / RS485				
Parallel connect	A maximum of 4 clusters with CAN communication				
Weight [kg]	455	502	549	597	645
Dimensions (W*D*H) [mm]	3 PACK + 1 BDU: 480.6*537*670mm; 6 PACK + 1 BDU: 480.6*537*1095mm				
Operating temperature [°C]	Discharge: -20-50°C; Charge: 0-50°C				
Storage temperature [°C]	-30~55 (≤6 Months)				
Humidity [%]	5-95				
Altitude [m]	≤2000				
Degree of protection	IP20 (Indoor)				
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# FROM GRID TO HOME

## Full Range From Power Generation, Transmission, Distribution To **Energy Storage**

### 33 years

With 33 years of experience, specialized in equipment manufacturing and engineering services

### Public Co.

Founded in 1993  
 Stock listed in 2004 (SZSE002028)

### US\$5.0 Billion

2025 Turnover

### TOP 3

**Sieyuan** 思源电气  
 Electrical Equip. Manufacturer

### 1,000kV

Full range product: 10kV -1,000kV

### 1400+

1411 Qualified engineers are the driving force behind the exceptional R&D progress

### 100+

With 10,000+ employees in 100+ countries and regions

### 22

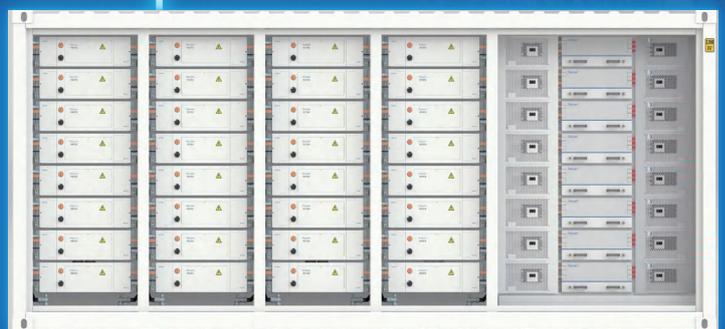
22 Manufacturing bases



C&I and Residential BESS

**esGrid**  
 Grid-level energy storage

Sieyuan Utility Scale BESS

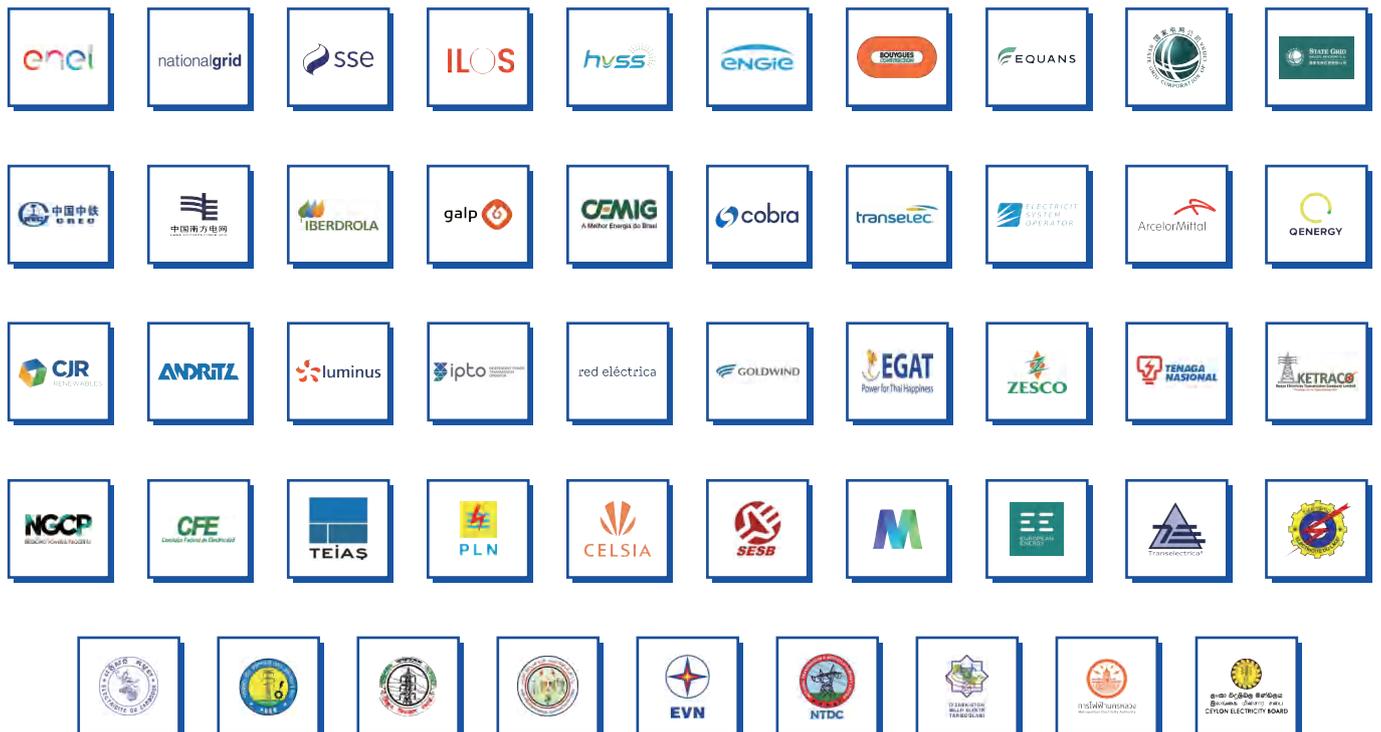




# Global Marketing & Service Layout



# Our Global Clients





# Swatten's Global Cases



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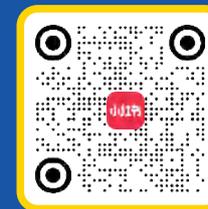
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