



C&I Rack Mounting BESS (HV) HP-M (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 LiFePO₄ 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 °C to +55 °C, covering both extreme-cold and high-heat applications.

Flexible configuration

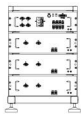
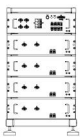
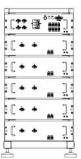
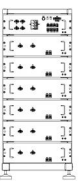
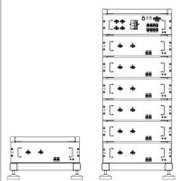
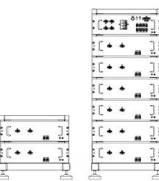
- 3-13 battery packs can be freely combined per cluster for up to 67.86kWh, with multi-cluster parallel expansion supported.

High compatibility

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



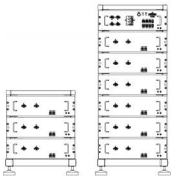
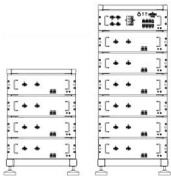
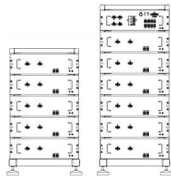
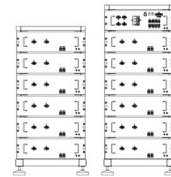
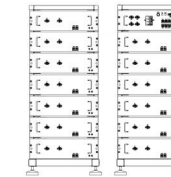
C&I Rack Mounting BESS (HV) HP-M (15.66-41.77) kWh

Type Designation	SieB-HP15K6-M	SieB-HP20K8-M	SieB-HP26K1-M	SieB-HP31K3-M	SieB-HP36K5-M	SieB-HP41K7-M
Technical data						
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)					
Max. module configuration	3 	4 	5 	6 	7 	8 
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) HP-M (47-67.86) kWh

Type Designation	SieB-HP47K0-M	SieB-HP52K2-M	SieB-HP57K4-M	SieB-HP62K6-M	SieB-HP67K8-M
Technical data					
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)				
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;

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

100+

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

22

22 Manufacturing bases



C&I and Residential BESS



esGrid

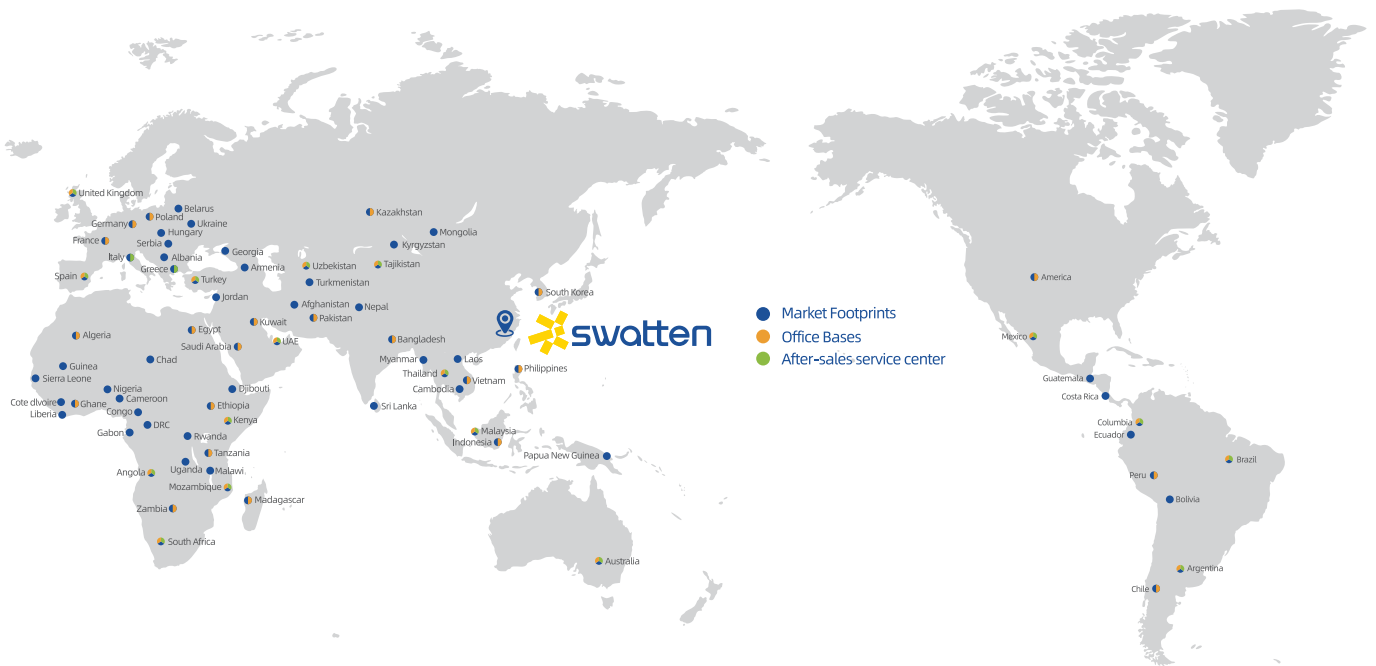
Grid-level energy storage

Sieyuan Utility Scale BESS





Global Marketing & Service Layout



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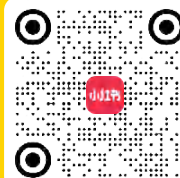
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