swatten
Powered by Sieyuan

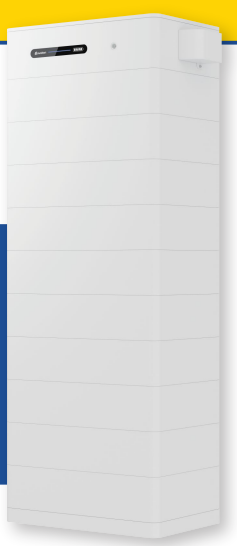
BNEF Tier 1
Energy Storage Manufacturer

C&I Stackable BESS (HV)
HP-F (10.24-51.20) kWh

FROM GRID TO HOME

Shanghai Sieyuan Watten Technology Co., Ltd.
Member of Sieyuan Electric Co., Ltd.

86-21-61610846 swatten@sieyuan.com www.swatten.com



KEY FEATURES

IP66
High protection level for indoor & outdoor

Easy
Quick installation with stackable modules

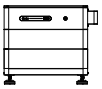
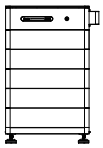
30.72kW
Max. continuous power

10Years
Warranty with 1000-hour salt spray test

OTA
Real-time monitoring & remote upgrades

204.8kWh
Max.capacity with 4 groups

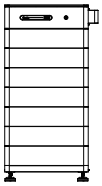
C&I Stackable BESS (HV) HP-F (10.24-30.72) kWh

Type Designation	SieB-HP10K4-F	SieB-HP15K6-F	SieB-HP20K8-F	SieB-HP26K1-F	SieB-HP31K3-F
Technical data					
Usable energy* [kWh]	10.24	15.36	20.48	25.60	30.72
Depth of discharge	Max.100% DOD (settable)				
Module type	SieB-HP5222-F				
Module parameter	51.2V 100Ah 640*400*184 45.2kg±1kg				
Cell type	LFP (LiFePO4)				
Max. module configuration	2 	3	4	5 	6
Cell configuration	1P32S	1P48S	1P64S	1P80S	1P96S
Nominal voltage [V]	102.4	153.6	204.8	256	307.2
Operating voltage range [V]	91.2-115.2	136.8-172.8	182.4-230.4	228-288	273.6-345.6
Max. continuous current** [A]	60				
Max. continuous power** [kW]	6.14	9.22	12.29	15.36	18.43
Communication	CAN / RS485				
Weight [kg]	108.8	154	199.2	244.4	289.6
Dimensions (W*D*H) [mm]	640*400*600	640*400*750	640*400*900	640*400*1050	640*400*1200
Operating temperature [°C]	Charge: 0-50 / Discharge: -20-50				
Storage temperature [°C]	-20-45 (≤1 Months) / -20-25 (≤6 Months)				
Humidity [%]	5-95				
Altitude [m]	≤2000				
Degree of protection	IP66 (Indoor / Outdoor)				
Fire Protection Function	Optional				
Cooling	Natural convection				
Installation location	Floor-standing				
Display	SOC indicator，Status indicator				
Warranty***	10 Years				

* Test conditions：3.0V~3.5V，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 Temperration / SOC/ Humidity;

*** Refer to Swatten SieB-HP-F Limited Warranty Letter.

Type Designation	SieB-HP36K5-F	SieB-HP41K7-F	SieB-HP47K0-F	SieB-HP52K2-F
Technical data				
Usable energy* [kWh]	35.84	40.96	46.08	51.20
Depth of discharge	Max.100% DOD (settable)			
Module type	SieB-HP5222-F			
Module parameter	51.2V 100Ah 640*400*184 45.2kg±1kg			
Cell type	LFP (LiFePO4)			
Max. module configuration	7 	8	9	10
Cell configuration	1P112S	1P128S	1P144S	1P160S
Nominal voltage [V]	358.4	409.6	460.8	512
Operating voltage range [V]	319.2-403.2	364.8-460.8	410.4-518.4	456-576
Max. continuous current** [A]	60			
Max. continuous power** [kW]	21.50	24.58	27.65	30.72
Communication	CAN / RS485			
Weight [kg]	334.8	380	425.2	470.4
Dimensions (W*D*H) [mm]	640*400*1350	640*400*1500	640*400*1650	640*400*1800
Operating temperature [°C]	Charge: 0-50 / Discharge: -20-50			
Storage temperature [°C]	-20-45 (≤1 Months) / -20-25 (≤6 Months)			
Humidity [%]	5-95			
Altitude [m]	≤2000			
Degree of protection	IP66 (Indoor / Outdoor)			
Fire Protection Function	Optional			
Cooling	Natural convection			
Installation location	Floor-standing			
Display	SOC indicator，Status indicator			
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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

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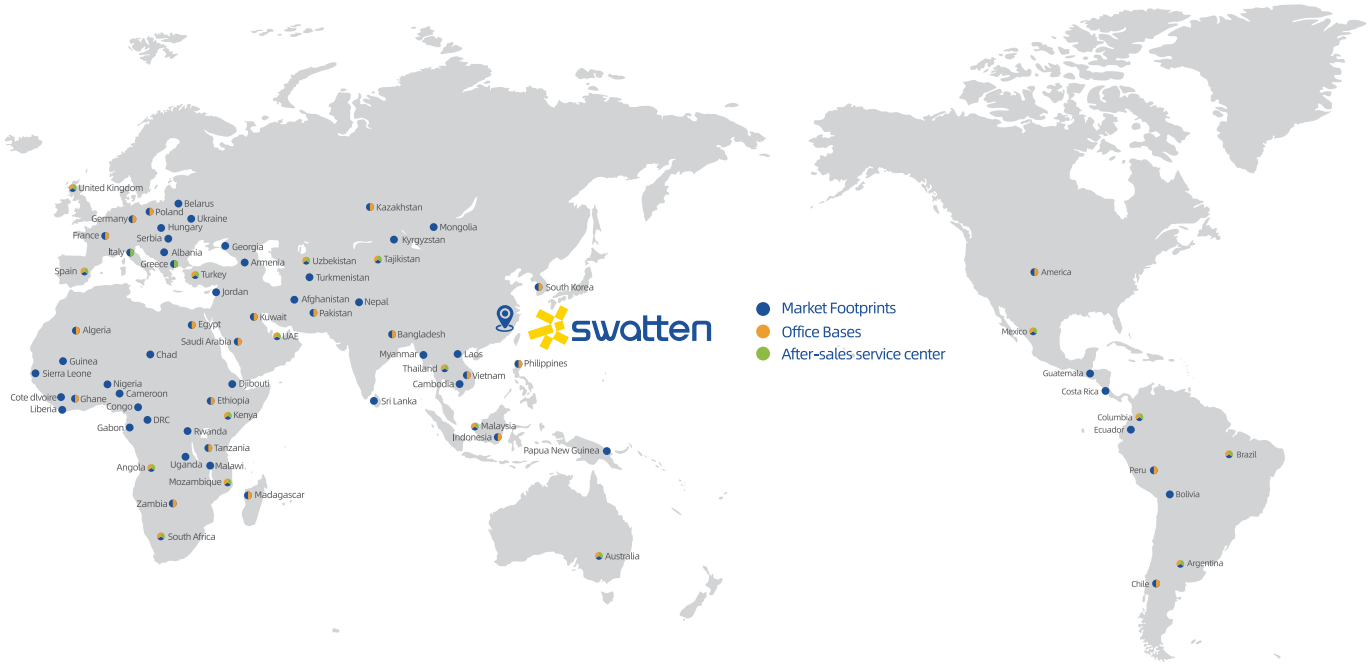
C&I and Residential BESS

esGrid
Grid-level energy storage

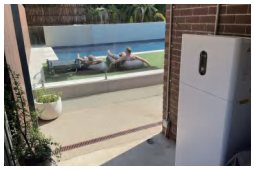
Sieyuan Utility Scale BESS

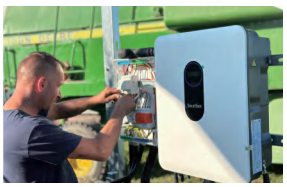
Global Marketing & Service Layout



Our Global Clients

Swatten's Global Cases





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