



Stackable BESS (HV) SieB-HP-F (10.24-51.20) kWh

FROM GRID TO HOME



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

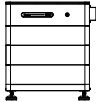
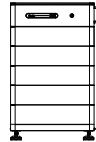
Real-time monitoring & remote upgrades

204.8kwh

Max.capacity with 4 groups



Stackable BESS (HV) SieB-HP-F (10.24-30.72) kWh

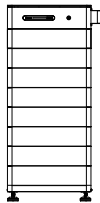
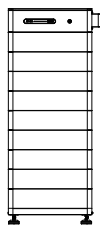
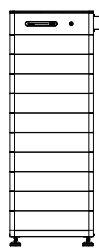
Type Designation	SieB-HP10K4-F	SieB-HP15K6-F	SieB-HP20K8-F	SieB-HP26K1-F	SieB-HP31K3-F
Technical data					
Nominal Energy [kWh]	10.24	15.36	20.48	25.60	30.72
Usable energy* [kWh]	10.24	15.36	20.48	25.60	30.72
Depth of discharge	Max.100% DOD (settable)				
Module type	SieB-HP5222-F				
Module parameter	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 charging/ discharging current [A]	60/60				
Rated Current** [A]	60				
Rated 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				
Country of Manufacture	China				

* Test conditions: 3.0V~3.5V, 0.2C Charge(CC-CV) and Discharge at 25±3°C; 100% depth of discharge (DOD);

** Rated Current / Power derating will occur related to Temperration / SOC/ Humidity;

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

Stackable BESS (HV) SieB-HP-F (35.84-51.20) kWh

Type Designation	SieB-HP36K5-F	SieB-HP41K7-F	SieB-HP47K0-F	SieB-HP52K2-F
Technical data				
Nominal Energy [kWh]	35.84	40.96	46.08	51.20
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 charging/ discharging current [A]	60/60			
Rated Current** [A]	60			
Rated 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			
Warranty***	10 Years			
Country of Manufacture	China			

* Test conditions: 3.0V~3.5V, 0.2C Charge(CC-CV) and Discharge at 25±3°C; 100% depth of discharge (DOD);

** Rated Current / Power derating will occur related to Temperature / SOC/ Humidity;

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

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

1400+

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

22

22 Manufacturing bases



C&I and Residential BESS



esGrid

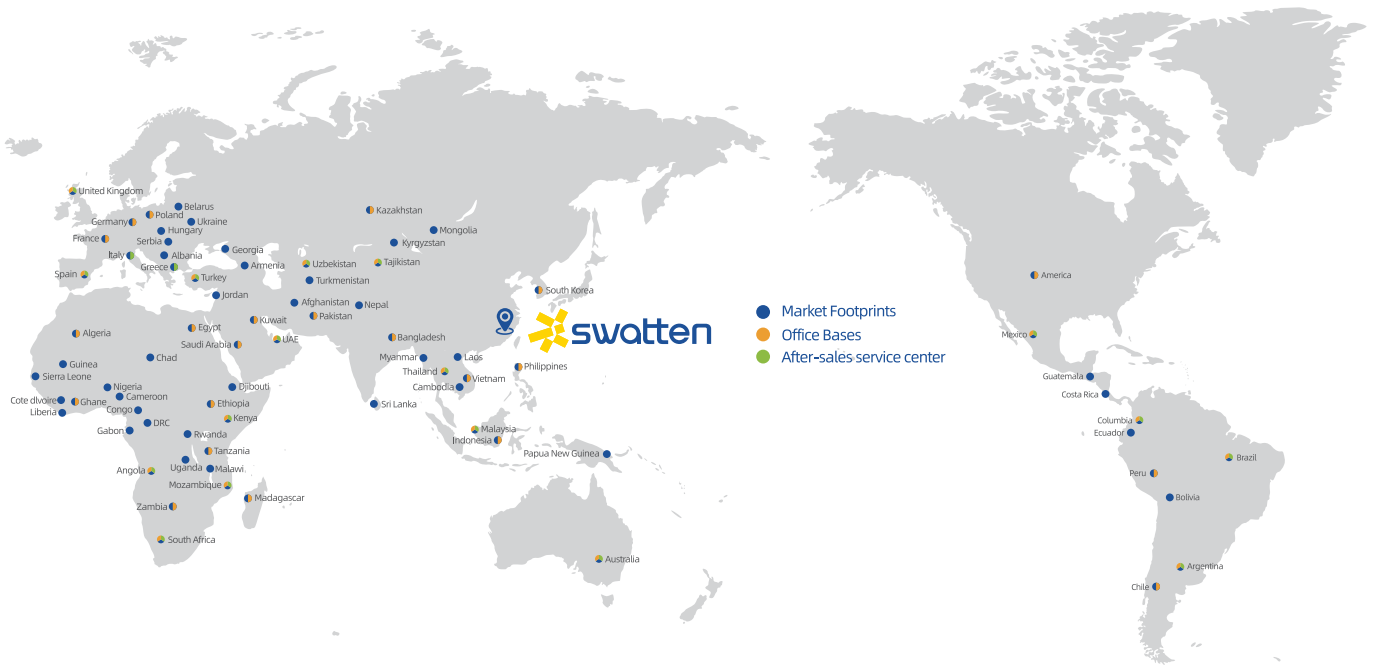
Grid-level energy storage

Sieyuan Utility Scale BESS





Global Marketing & Service Layout



Our Global Clients





Swatten's Global Cases



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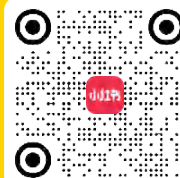
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