swatten
Powered by Sieyuan

BNEF Tier 1
Energy Storage Manufacturer



Stand-alone BESS (HV)
SieB-HQ14-F (13.99-83.94) 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

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Stand-alone BESS (HV) SieB-HQ14-F

(13.99-83.94) kWh

IP66
High protection level for indoor & outdoor

Easy
Quick installation with BMS built-in

13.99kwh
with 100%DOD

10Years
Warranty with 1000-hour salt spray test

OTA
Real-time monitoring & remote upgrades

83.94kwh
Max. capacity with 1 group

One SKU. Two Solutions

Perfectly adapted to both residential and commercial applications.
Distributors only need to stock one battery SKU.

Residential


Large Houses


Villas


Off-grid Homes

C&I

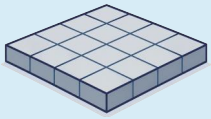
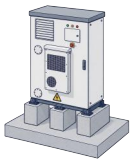

Hotels


Farms

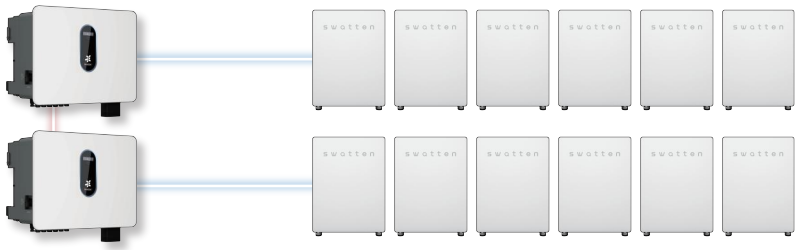

Small Businesses

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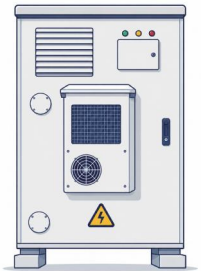
BUILT FOR REAL C&I SITES

Swatten 14kWh Battery		Outdoor Cabinet
 **BUILT TO INSTALL** No crane required. Screwdriver-friendly setup.	VS	 **CRANE-BASED INSTALLATION** Requires crane access and heavy equipment.
 **BUILT TO MOVE** Van-friendly transportation for easier delivery.	VS	 **HEAVY LOGISTICS** Typically transported by truck and lifting equipment.
 **BUILT TO FIT** Fits narrow spaces, courtyards, warehouses, indoor and outdoor sites. No complex foundation required.	VS	 **OPEN-SITE SETUP** Needs open space, a large poured concrete foundation, and embedded base parts.
 **BUILT TO SCALE** Start with 14kWh PACKs and scale as needed. Easier stocking and expansion.	VS	 **FIXED CABINET CAPACITY** Different capacities require different SKUs.
 **BUILT FOR INSTALLERS** Only 2 installers needed for installation and commissioning.	VS	 **LARGER TEAM REQUIRED** Usually needs a more specialized installation team.

Swatten C&I Solution- 100kW/168kWh



Compare with 100kW/215kWh



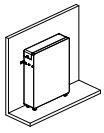
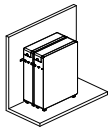
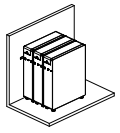
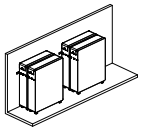
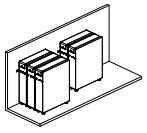
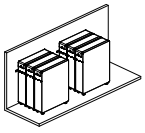
Swatten C&I Solution- 150kW/252kWh



Compare with 125kW/261kWh



Stand-alone BESS (HV) SieB-HQ14-F (13.99-83.94) kWh

Type Designation		SieB-HQ14-F1	SieB-HQ14-F2	SieB-HQ14-F3	SieB-HQ14-F4	SieB-HQ14-F5	SieB-HQ14-F6
Technical data							
Nominal Energy [kWh]		13.99	27.98	41.97	55.96	69.95	83.94
Usable Energy [kWh]*		13.99	27.98	41.97	55.96	69.95	83.94
Rated Power** [kW]		Max.100% DOD					
Module Destination		1*SieB-HQ14-F (M)	1*SieB-HQ14-F (M) 1*SieB-HQ14-F (S)	1*SieB-HQ14-F (M) 2*SieB-HQ14-F (S)	1*SieB-HQ14-F (M) 3*SieB-HQ14-F (S)	1*SieB-HQ14-F (M) 4*SieB-HQ14-F (S)	1*SieB-HQ14-F (M) 5*SieB-HQ14-F (S)
Module Type		SieB-HQ14-F (M) / SieB-HQ14-F (S)					
Module Parameter		115.2V 122Ah 660*180*880 (WDH) 108kg (M)/ 106kg (S)					
Cell Type		LFP（LiFePO4）					
Battery Module (M)		1					
Battery Module (S)		0	1	2	3	4	5
Cell Configuration		1P36S	1P72S	1P108S	1P144S	1P180S	1P216S
Nominal Voltage [V]		115.2	230.4	345.6	460.8	576	691.2
Operating Voltage Range [V]		102.6~129.6	205.2~259.2	307.8~388.8	410.4~518.4	513~648	615.6~777.6
Max. Charging Current [A]**		60					
Max. Discharging Current [A]**		60					
Discharge power [kW]**		6.91	13.82	20.74	27.65	34.56	41.47
Rated DC power [kW]**		6.91	13.82	20.74	27.65	34.56	41.47
Short circuit current [A]		3000					
Communication		CAN / RS485					
Weight [kg]		109	215	321	427	533	639
Dimensions (W*D*H) [mm]***		660*180*880 	660*380*880 	660*580*880 	1670*380*880 	1670*580*880 	1670*580*880 
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）					
Cooling		Natural convection					
Installation Location		Floor-standing					
Display		Status indicator					
Standard and Certification	Safety	IEC62619，IEC63056，IEC62040-1，IEC62477-1，CEC					
	EMC	IEC61000-6-1/3					
	Transportation	UN38.3					
	Others	CE，ROHS					
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);

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

*** The distance between two columns is considered as 350mm according to the size of screw tool;

**** Refer to Swatten SieB-HQ14-F Limited Warranty Letter.

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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

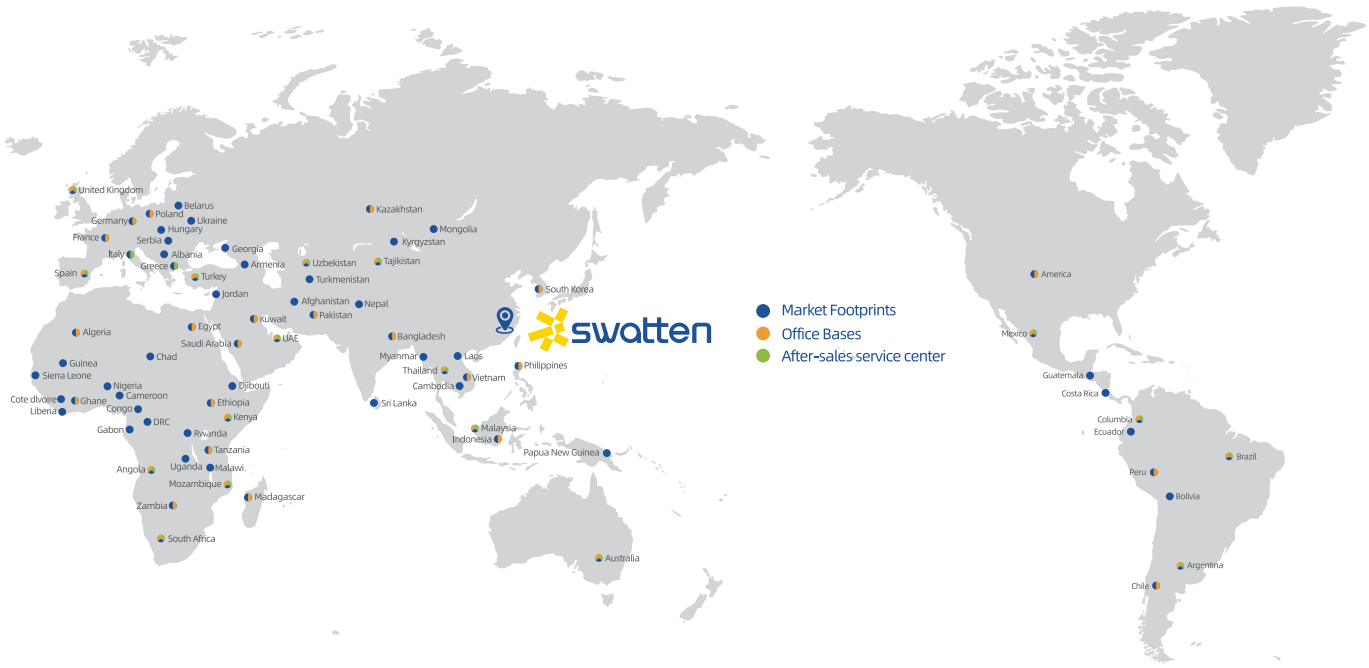


esGrid
Grid-level energy storage

Sieyuan Utility Scale BESS



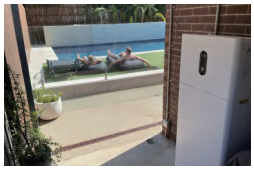
Global Marketing & Service Layout



Our Global Clients

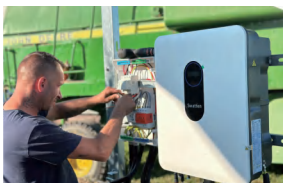
Swatten's Global Cases























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