

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

FROM GRID TO HOME



KEY FEATURES

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

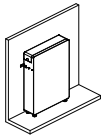
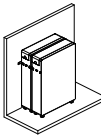
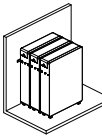
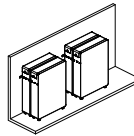
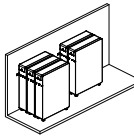
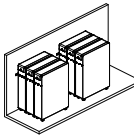
Real-time monitoring & remote upgrades

83.94kwh

Max. capacity with 1 group



Stand-alone BESS (HV) 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
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. Continuous Current [A]**		60					
Max. Continuous 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					

* 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 Temperature/ SOC/ Humidity;

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

**** Refer to Swatten SieB-HQ 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

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

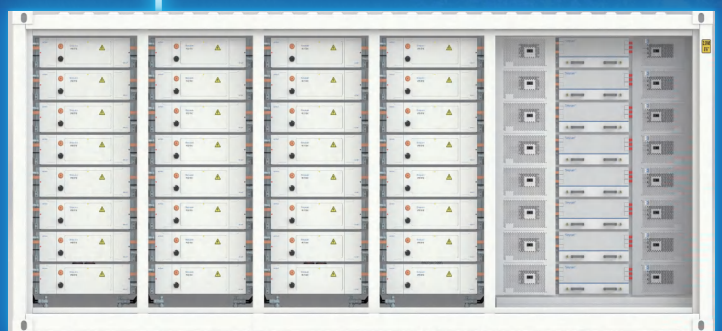
22 Manufacturing bases



C&I and Residential BESS

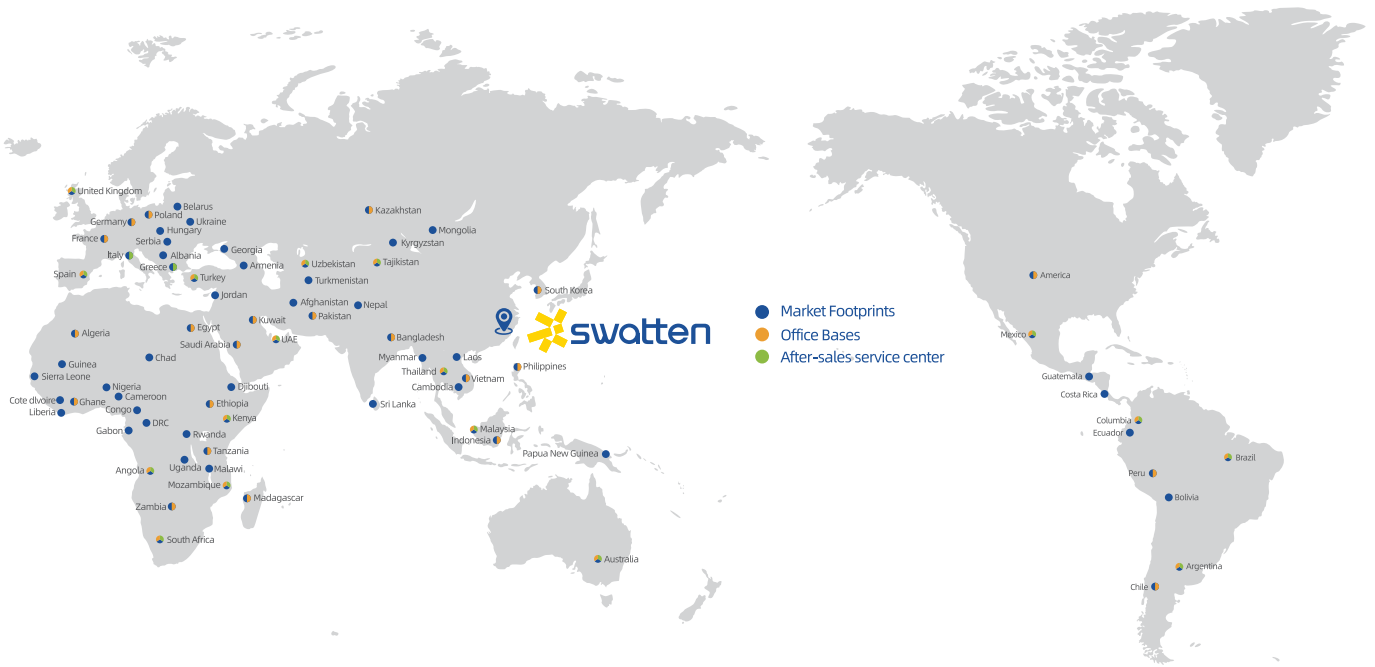
esGrid
Grid-level energy storage

Sieyuan Utility Scale BESS

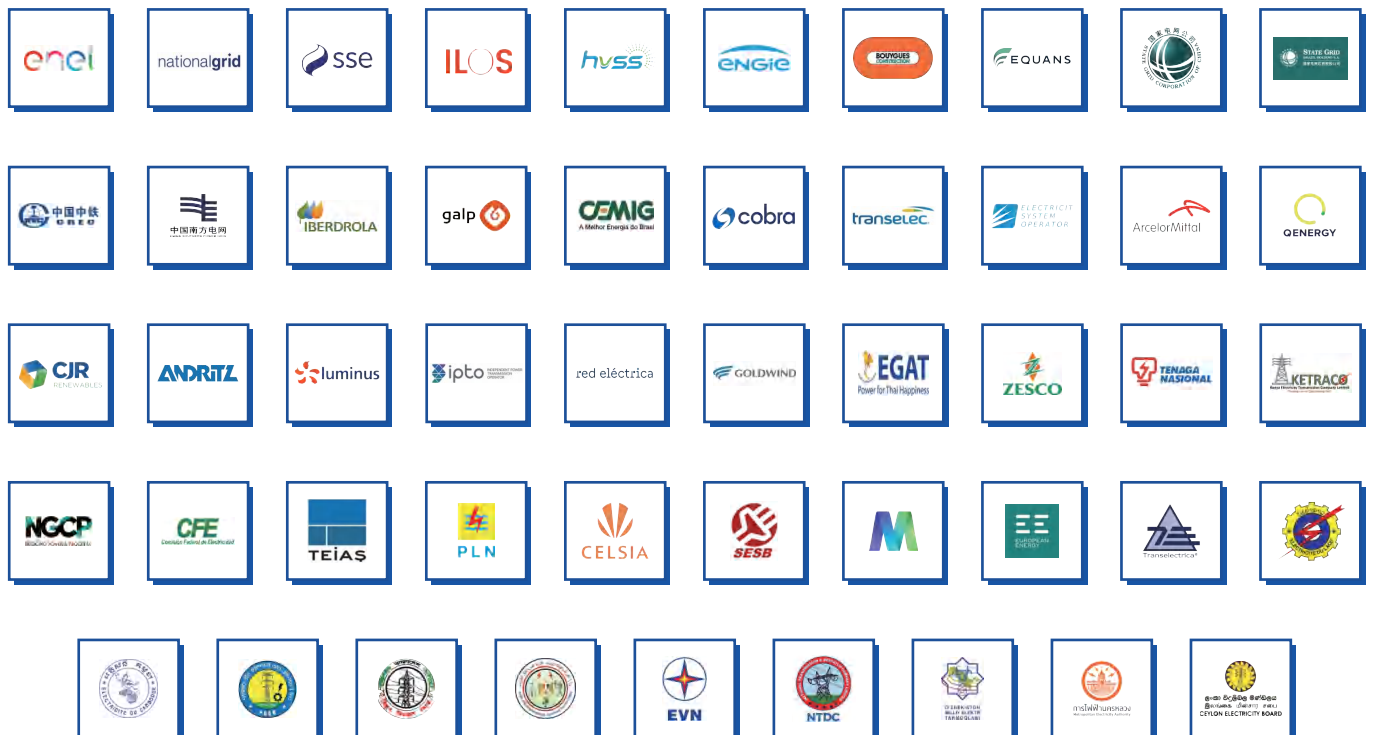




Global Marketing & Service Layout



Our Global Clients





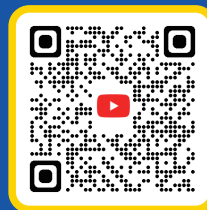
Swatten's Global Cases



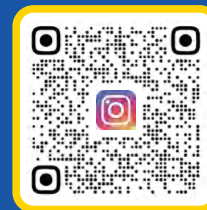
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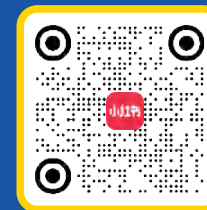
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