

SieB-HQ14-F Battery Energy Storage System(HV)

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

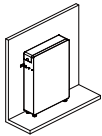
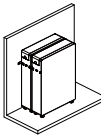
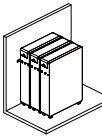
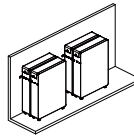
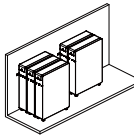
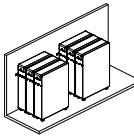
Real-time monitoring & remote upgrades

83.94kwh

Max. capacity with 1 group



SieB-HQ14-F Battery Energy Storage Systeme(HV)

| System Model Type | SieB-HQ14-F1 | SieB-HQ14-F2 | SieB-HQ14-F3 | SieB-HQ14-F4 | SieB-HQ14-F5 | SieB-HQ14-F6 |
|-------------------------------|---|---|---|---|---|---|
| Technische Daten | | | | | | |
| 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

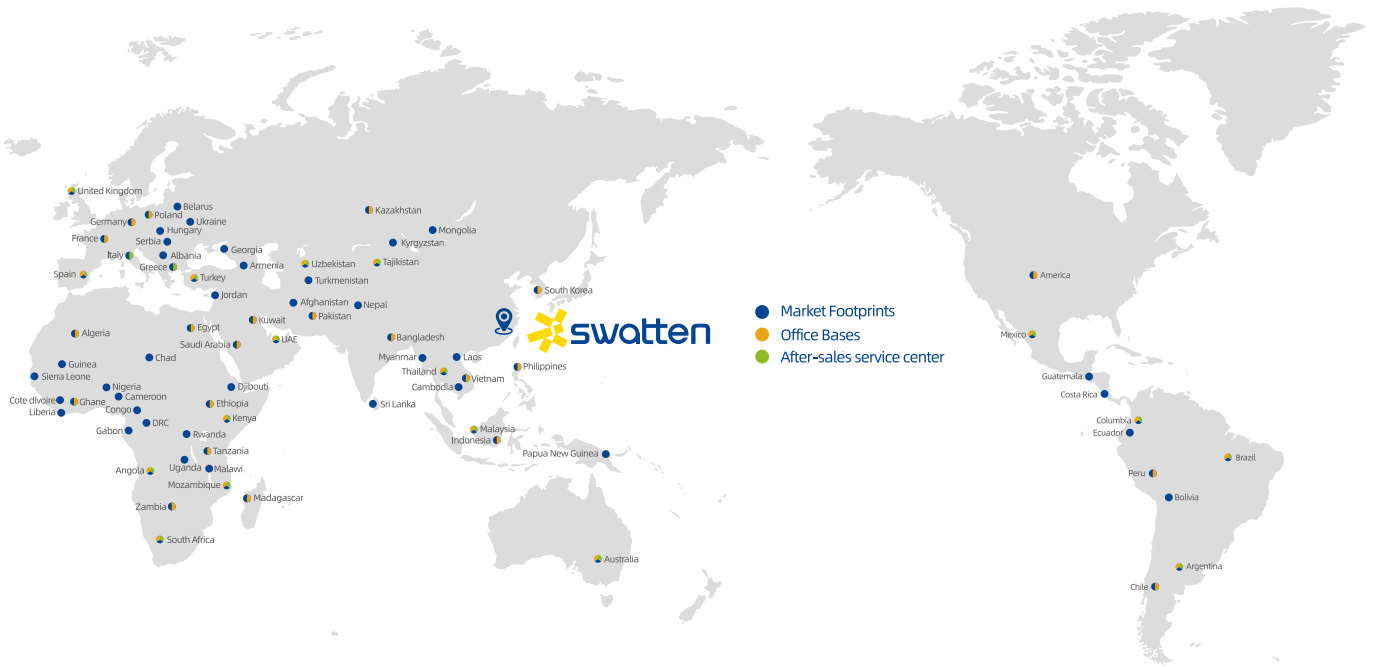
esGrid
 Grid-level energy storage

Sieyuan Utility Scale BESS





Global Marketing & Service Layout



Our Global Clients



