swatten
Powered by Sieyuan

CEDRES ENERGY



Stackable BESS (HV) (9.6-25.6) kWh

Smarter Power Better Life

KEY FEATURES



IP65
High protection level for indoor & outdoor

Easy
Quick installation with stackable modules

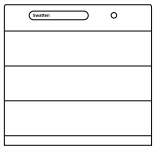
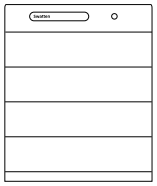
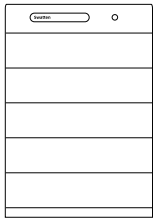
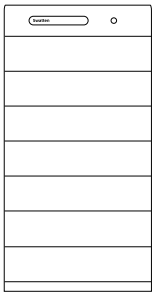
35kg
Lightweight modules per unit

10Years
Warranty with 1000-hour salt spray test

OTA
Real-time monitoring & remote upgrades



Stackable BESS (HV) (9.6-25.6) kWh

Type Designation	SieB-H9600-F	SieB-H12K8-F	SieB-H16K0-F	SieB-H19K2-F	SieB-H22K4-F	SieB-H25K6-F
Technical data						
Usable energy* [kWh]	9.60	12.80	16.00	19.20	22.40	25.60
Depth of discharge	Max.100% DOD (settable)					
Module type	SieB-H3200-F					
Module parameter	64V 50Ah 615*360*165mm 33.3±0.5kg					
Cell type	LFP (LiFePO4)					
Max. module configuration	3 	4 	5 	6 	7 	8 
Cell configuration	1P60S	1P80S	1P100S	1P120S	1P140S	1P160S
Nominal voltage [V]	192	256	320	384	448	512
Operating voltage range [V]	171-216	228-288	285-360	342-432	399-504	456-576
Max. continuous current** [A]	30					
Max. continuous power** [kW]	5.76	7.68	9.60	11.52	13.44	15.36
Communication	CAN / RS485					
Weight [kg]	120	155	190	225	260	295
Dimensions (W*D*H) [mm]	615*360*730	615*360*880	615*360*1030	615*360*1180	615*360*1330	615*360*1480
Operating temperature [°C]	Charge: 0-50 / Discharge: -20-50					
Storage temperature [°C]	-20-45 (≤1Month) / -20-25 (≤6 Months)					
Humidity [%]	5-95					
Altitude [m]	≤2000					
Degree of protection	IP65 (Indoor / Outdoor)					
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 temperature / SOC / Humidity;

*** Refer to Swatten SieB-H-F Limited Warranty Letter;

About swatten

Powered by Sieyuan

Full Range From Power Generation, Transmission, Distribution To Energy Storage

30 years

With 30+ years of experience, specialized in equipment manufacturing and engineering services

Public Co.

Founded in 1993
Stock listed in 2004 (SZSE002028)

US$3.2 Billion

2024 Turnover

1400+

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

TOP 3

Sieyuan 思源电气
Electrical Equip. Manufacturer

22

22 Manufacturing bases

60+

With 10,000+ employees in 60+ countries and regions

1,000kV

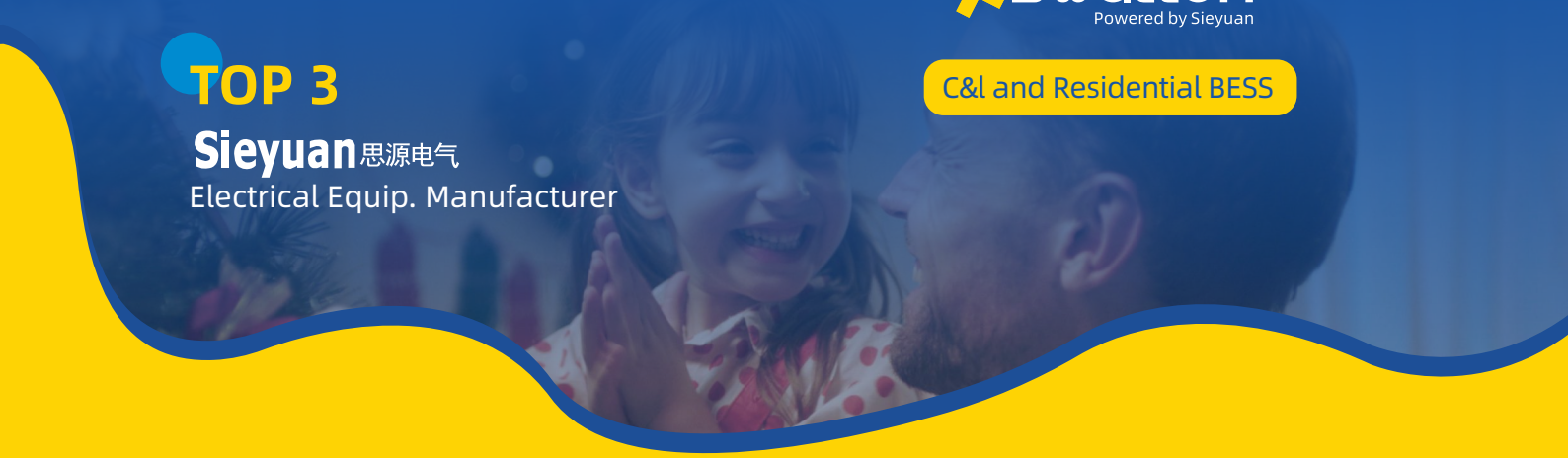
Full range product: 10kV -1,000kV

esGrid
Grid-level energy storage

Sieyuan Utility Scale BESS

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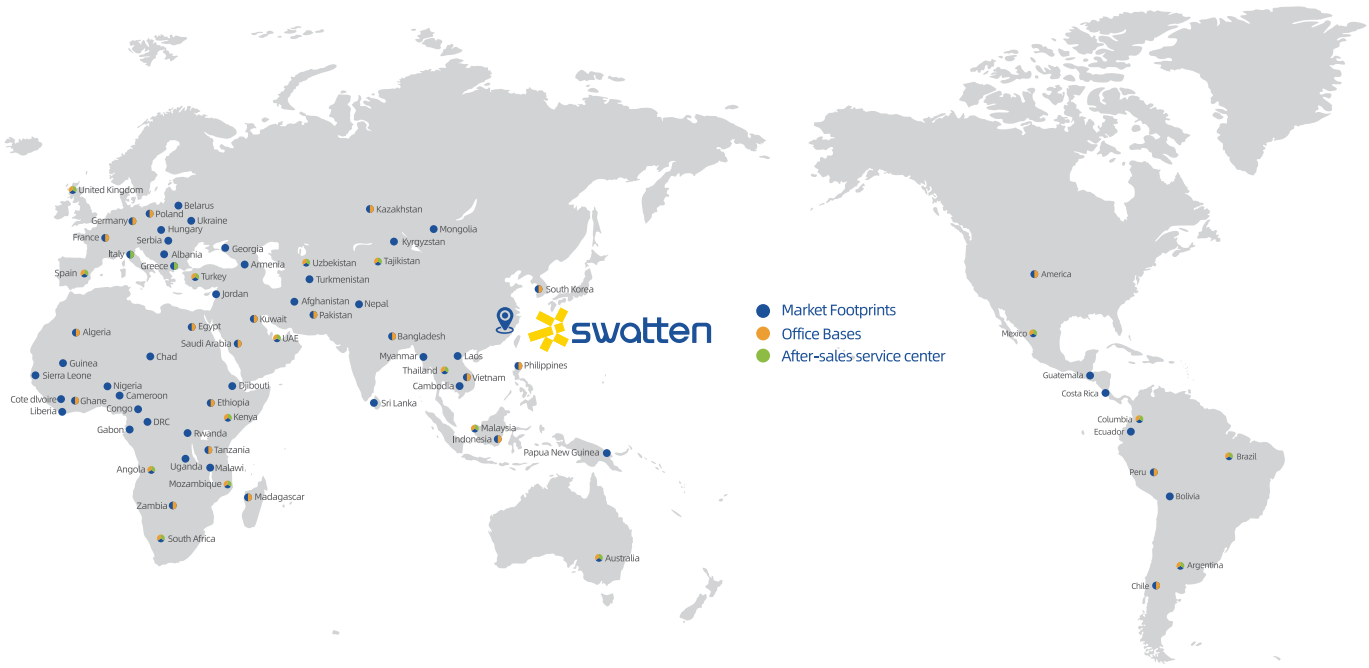
C&I and Residential BESS



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Member of Sieyuan Electric Co., Ltd.

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Global Marketing & Service Layout



Our Global Clients

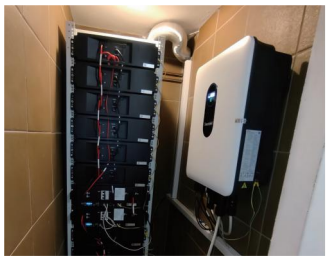
Swatten Europe Case









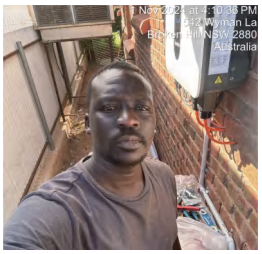



Swatten APAC Case







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