



Rack Mounting BESS (LV) 5.12 kWh

FROM GRID TO HOME



KEY FEATURES



100A

Max. continuous current

OTA

Real-time monitoring & remote upgrades

Easy

No 12V starter cable needed

15Modules

Supports up to 76.8kWh with parallel Modules

10Years

Warranty with 1000-hour salt spray test



Rack Mounting BESS (LV) 5.12kWh

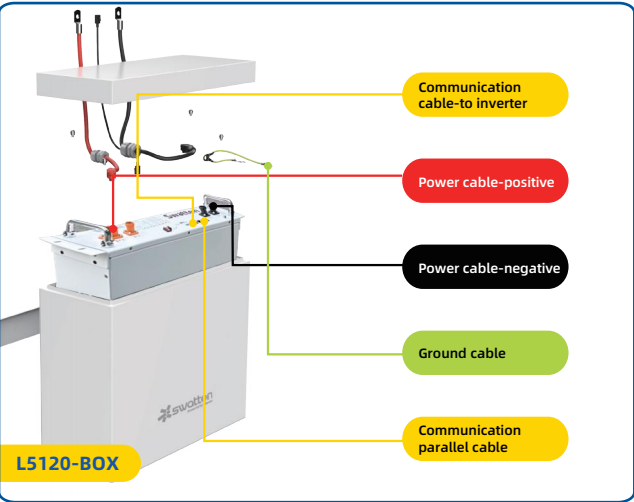
Type Designation	SieB-L5120-M	
Technical data		
Usable energy* [kWh]	5.12	
Depth of discharge	Max.100% DOD (settable)	
Cell type	LFP (LiFePO4)	
Cell nominal capacity [Ah]	100	
Cell configuration	1P16S	
Nominal voltage [V]	51.2	
Operating voltage range [V]	44.8-56	
Max. continuous current** [A]	50 (1 module)	100 (≥ 2 modules in parallel)
Max. continuous power** [kW]	2.4 (1 module)	4.8 (≥ 2 modules in parallel)
Communication	CAN	RS485
Parallel connect	A maximum of 15 Packs with RS485 communication	
Weight [kg]	42	
Dimensions (W*D*H) [mm]	446*500*131	
Operating temperature [°C]	Charge: 4-55/Discharge: -20-55	
Storage temperature [°C]	-20-45 (≤1 Month) / 0-35 (≤1 Year)	
Humidity [%]	0~95	
Altitude** [m]	≤3000	
Degree of protection	IP20 (Indoor)/IP54 (In Box)	
Cooling	Natural convection	
Installation location	Floor-standing (In Cabinet)	
Display	SOC indicator, Status indicator	
Warranty***	10 Years	

* Test conditions: 2.5V-3.65V, 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-L-M Limited Warranty Letter;

OUTDOOR APPLICATION SCENARIOS



* The box (L5120-BOX) needs to be purchased separately.

Features And Advantages

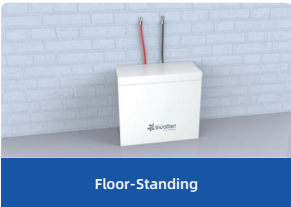
Perfect adaptation.

- High Protection Level, IP54 protection allows both indoor & outdoor use.
- Can be floor-standing or wall-mounted to satisfy different installation requirements.

Easy Installation

- Preset power cables and auto magnetic gearing design make labor work easier.
- No need to connect a 12V starter cable,Capable of Self-starting.

Box Installation



Floor-Standing



Wall-Mounted

About Us

Full Range From Power Generation,
Transmission, Distribution To

Energy Storage

33 years

With 33 years of experience,
specialized in equipment manufacturing
and engineering services

22

22 Manufacturing bases

Public Co.

Founded in 1993
Stock listed in 2004 (SZSE002028)

100+

With 10,000+ employees
in 100+ countries and regions

US\$5.0 Billion

2025 Turnover

1,000kV

Full range product: 10kV -1,000kV

1400+

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

esGrid

Grid-level energy storage

Sieyuan Utility Scale BESS

TOP 3

Sieyuan 思源电气
Electrical Equip. Manufacturer

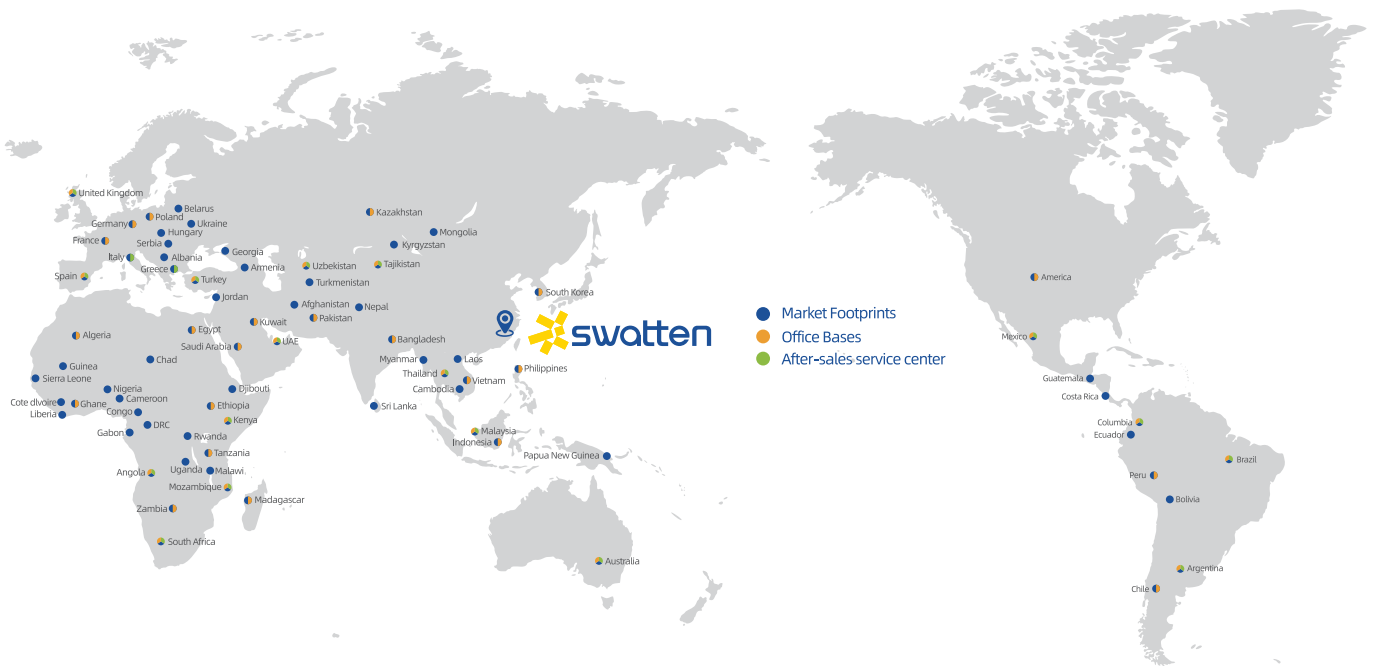
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C&I and Residential BESS





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