swatten
Powered by Sieyuan

CEDRES ENERGY



Rack Mounting BESS (LV) 5.12 kWh

Smarter Power Better Life

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

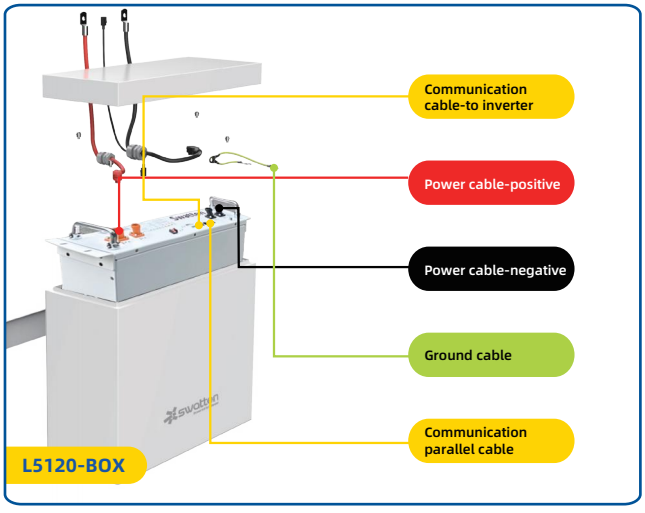
Type Designation	SieB-L5120-M	
Technical data		
Usable energy* [kWh]	5.12	
Depth of discharge	Max.100% DOD (settable)	
Cell type	LFP (LiFePO4)	
Cell nominal capacity [Ah]	100	
Cell configuration	1P16S	
Nominal voltage [V]	51.2	
Operating voltage range [V]	44.8-56	
Max. continuous current** [A]	50 (1 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

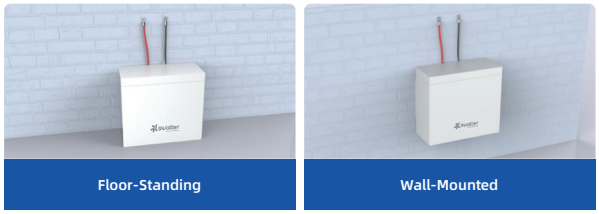
Perfect adaptation.

· 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



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

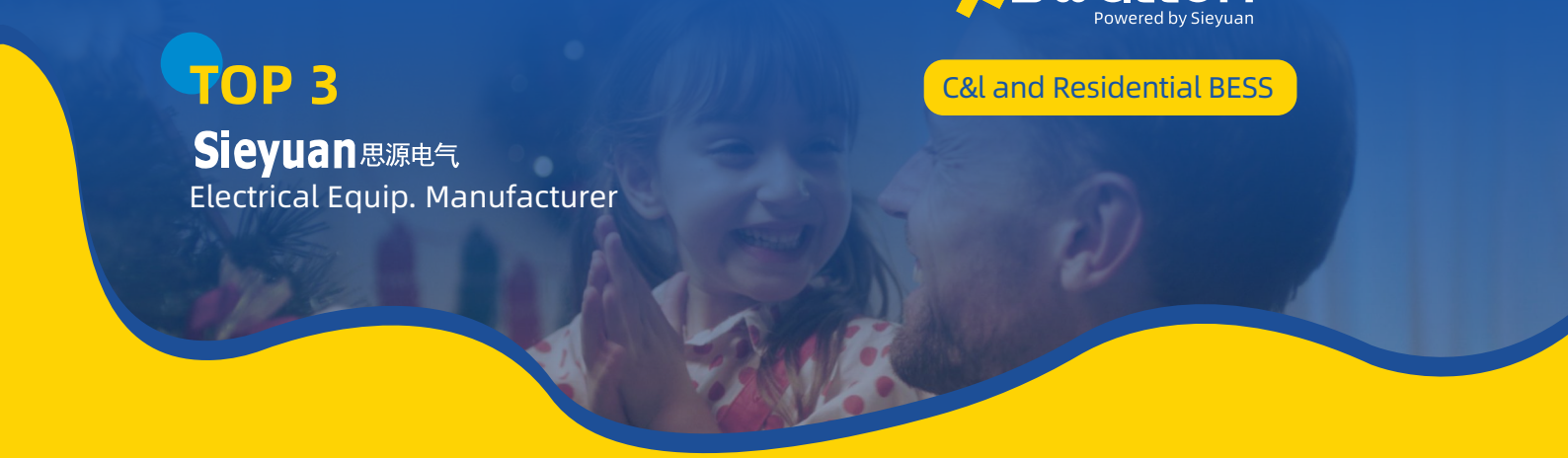
Full range product: 10kV -1,000kV

esGrid
Grid-level energy storage

Sieyuan Utility Scale BESS

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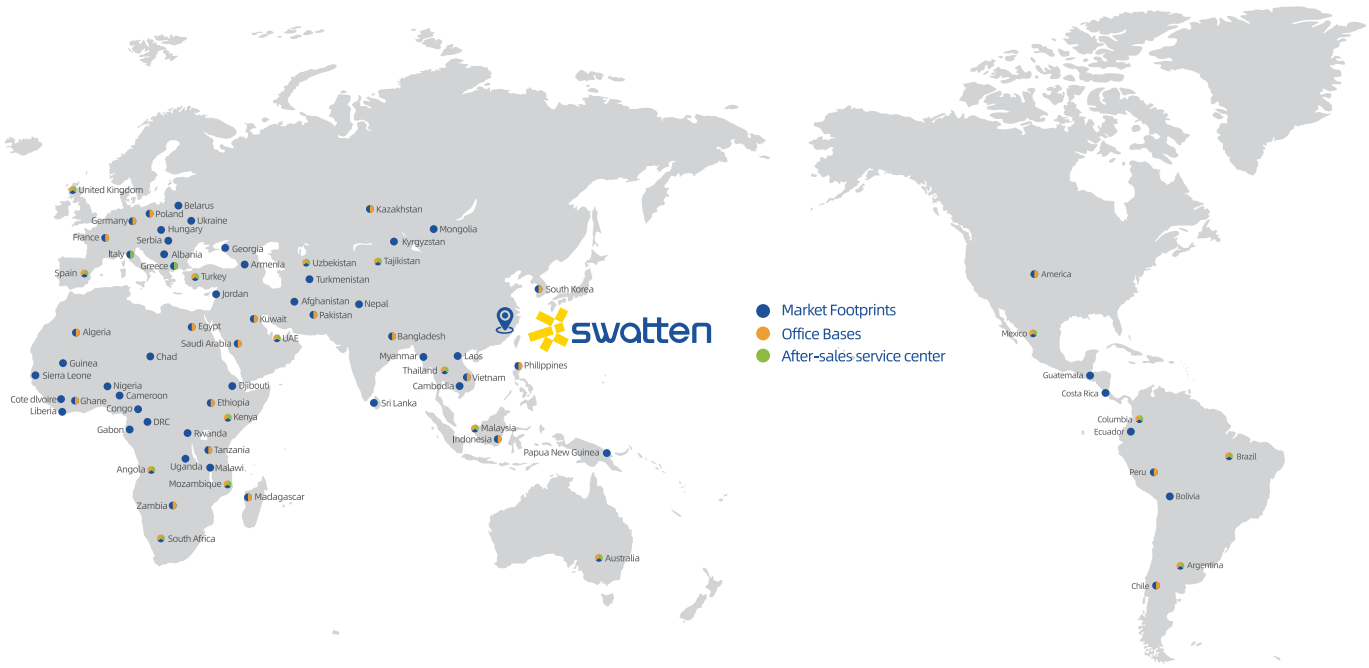
C&I and Residential BESS



Shanghai Sieyuan Watten Technology Co., Ltd.
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Global Marketing & Service Layout



Our Global Clients

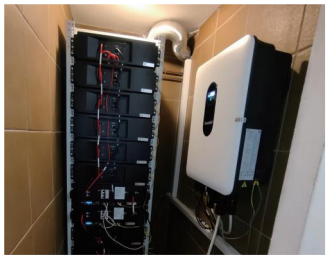
Swatten Europe Case









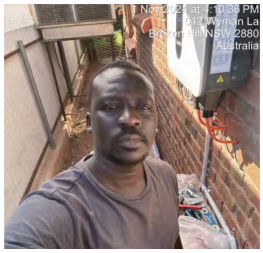



Swatten APAC Case







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