

SP-LV5120-W Series / 5.12kWh

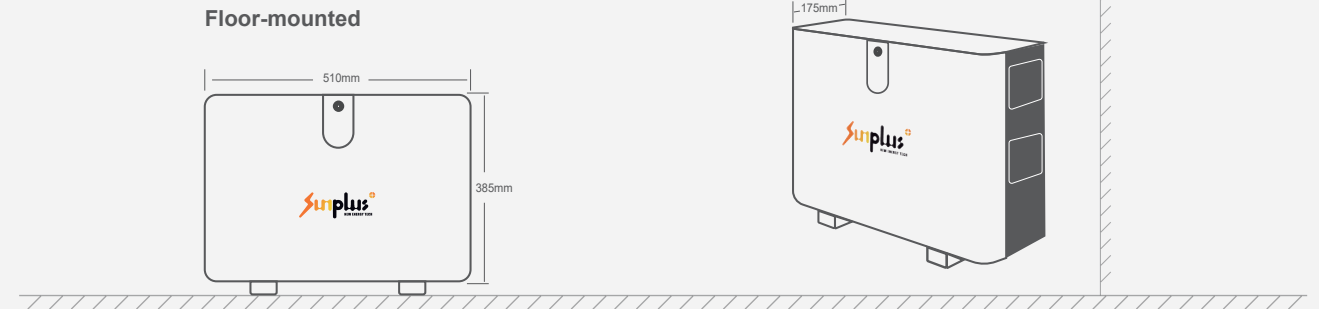
Residential Low Voltage Lithium Battery



- Over Current Protection
- Over Charge Protection
- Over Discharge Protection
- Cell Balance Function
- Short Current Protection
- Temperature Protection

- Long Design Life
- Multiple Protection
- Modular Design
- Dekra Certification
- Scalable & Flexible
- Easy Maintenance

Two Installation Methods:



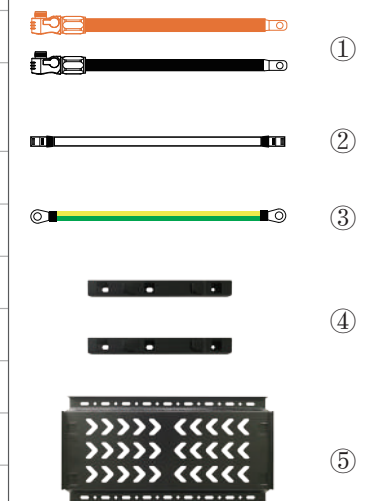
Specification

Product Name	LV Wall-mounted LFP Battery
Module Model	SP-LV5120-W
Battery Type	LFP 2P16S
Nominal Capacity	100Ah / 5.12kWh
Usable Capacity	4.86kWh (95% DOD)
Nominal Voltage	51.2V
Working Voltage	45.6~57.6V
Charging Voltage	56V
Max. Continuous Charge Current	50A
Max. Continuous Discharge Current	100A
Communication	RS485, CAN
Storage Temperature	0°C ~ 45°C (Recommended)
Storage Humidity	≤85% (RH)
Working Temperature	Charging: 0°C ~ 50°C / Discharging: -20°C ~ 50°C
Working Humidity	≤95% (RH) No Condensation
Working Altitude	≤2000m
Ingress Protection	IP55
Protective Class	I
Weight	~45kg
Dimension(W x H x D, mm)	510 x 385 x 175
Design Life	15Years (25°C)
Cycle Life	>6000 (25°C) ,60% EOL
Scalability	Max. 8 in parallel (40.96Kwh)
Certification	CE, IEC62619, IEC/EN 61000-6-1/3, UN38.3

Matching List



Accessories



- ① Inverter to Battery Positive & Negative Power Cables
- ② RJ45 Communication Cable
- ③ Grounding Cable
- ④ Square Tube Support (Fixed On The Back Of The Battery Pack)
- ⑤ Bracket (Fixed On The Wall)