

SP-LV5120-S Series / 5~20kWh

Residential Low Voltage Lithium Battery



Class 9/CE, UN38.3, MSDS, RoHS



Wheel design, easy to move



Avoid overcharging & Extending battery life



Advanced BMS management



6000 cycles life (DoD 80%)



High-density LiFePO4 battery



Noise less than 60 decibels

- Long Design Life
- Multiple Protection
- Modular Design
- Scalable & Flexible
- Remote management & maintenance



5.12_{kWh}

SP-LV5120-S1



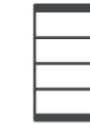
10.24_{kWh}

SP-LV5120-S2



15.36_{kWh}

SP-LV5120-S3



20.48_{kWh}

SP-LV5120-S4

Basic Information

	SP-LV5120-S1	SP-LV5120-S2	SP-LV5120-S3	SP-LV5120-S4
Single Module Capacity	5.12kwh			
Module Number	1	2	3	4
Rated Capacity	5.12kWh	10.24kWh	15.36kWh	20.48kwh
Nominal Voltage	51.2V			
Working Voltage	44V-58.4V			
Nominal Discharge Current	100A	200A	300A	400A
Nominal Charging Current	50A	100A	150A	200A
Recommended Discharge Level	80% DoD			
Humidity	20%-60%			
Installation Method	Stacked mode			
Protection Level	IP65			
Battery Warranty	5/10 Years			
Communication Protocol	CAN/RS485/RS232 (WIFI optional)			
Dimension	500*440*200mm	700*440*200mm	900*440*200mm	1100*440*200mm
Battery Net Weight	49kg	98kg	147kg	196kg
Cell Type	LFP			
Battery Rated Input Voltage	48Vdc			
Hybrid Charging Max. Charging Current	80A			
Battery Pack voltage Range	40Vdc-60Vdc			