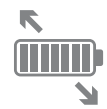


# SP-LV5320-W Series / 5.32kWh

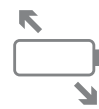
Residential Low Voltage Lithium Battery



Over Current Protection



Over Charge Protection



Over Discharge Protection



Cell Balance Function



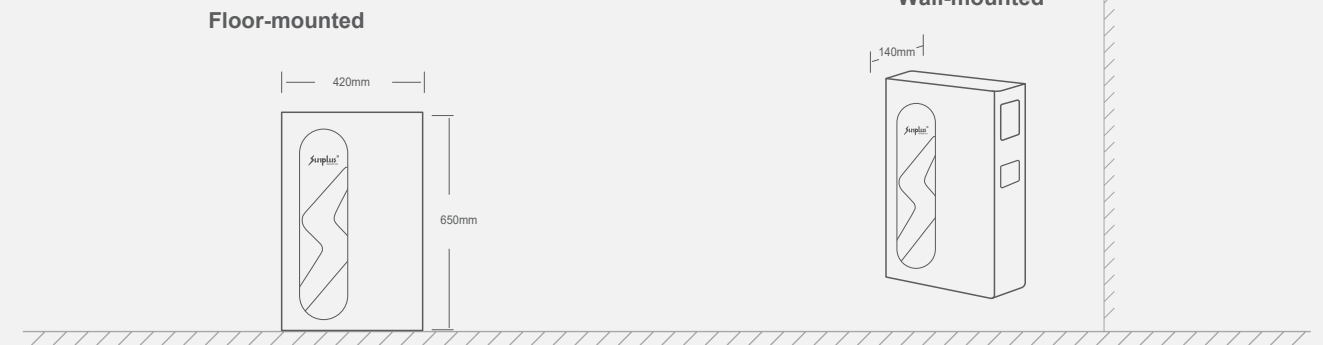
Short Current Protection



Temperature Protection

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

## Two Installation Methods:



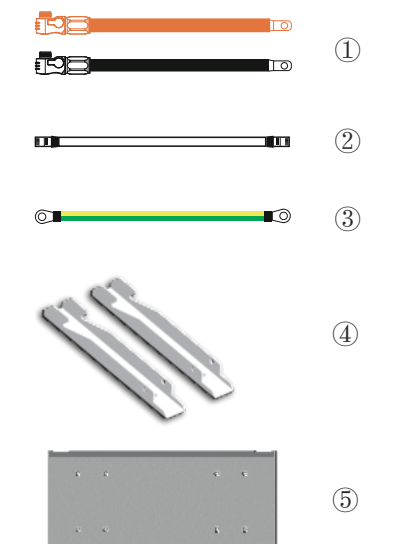
## Specification

Product Name	Rechargeable Lithium Iron Phosphate Battery
Module Model	SP-LV5320-W
Battery Type	LFP 1P16S
Nominal Capacity	104Ah / 5.32kWh
Rated Capacity* <sup>2</sup>	5.05kWh
Nominal Voltage	51.2V
Working Voltage	43.2~57.6V
Charging Voltage	57.6
Max. Continuous Charge Current* <sup>3</sup>	50A
Max. Continuous Discharge Current* <sup>4</sup>	100A
Communication	RS485,CAN,WIFI(Optional)
Storage Temperature	0°C ~ 45°C (Recommended)
Storage Humidity	≤ 85% (RH)
Working Temperature	Charging : -10°C ~ 50°C, Discharging : -20°C ~ 50°C
Working Humidity	≤ 95% (RH) No Condensation
Working Altitude	≤ 2000m
Ingress Protection	IP65
Protective Class	I
Weight	44kg
Dimension(W x D x H, mm)	420 x 140 x 650
Design Life	15Years (25°C)
Cycle Life	> 6000 (25°C)
Scalability	Recommended ≤ 3, (Max. 8 in parallel)
Certification	CE/UKCA, CEI0-21, CB: , IEC62619, IEC/EN61000-6-1/3, IEC62368, ROHS, UN38.3, MSDS, DEKRA SEAL

## Matching List



## Accessories



\*1 Test conditions: cell voltage 2.0~3.65V, 25±2°C, 0.5C charge and 1C discharge.

\*2 Test conditions: 95% depth of cell discharge, 25±2°C, 0.5C charge and 1C discharge.

\*3. \*4 Affected by temperature and SOC state.

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)