

BATTERY  
**SP5120W LITHIUM-ION**

WALL MOUNTABLE SERIES

CAPACITY

5.12 kWh



## TECHNICAL SPECIFICATIONS

<b>Battery type</b>	LiFePO4
<b>Energy capacity</b>	5.12KWh
<b>Usable capacity</b>	4.9KWh
<b>Nominal capacity</b>	100Ah
<b>Nominal voltage</b>	51.2V
<b>Operating voltage range</b>	44.8V – 57.6V
<b>Cycle life</b>	≥ 6000
<b>Standard charging current</b>	≤ 50A (0.5C)
<b>Max. charging current</b>	≤ 100A (1C)
<b>Standard discharging current</b>	≤ 50A (0.5C)
<b>Max. discharging current</b>	≤ 150A (1.5C)
<b>Charging temperature range</b>	0°C~55°C
<b>Discharge temperature range</b>	-20°C~55°C
<b>Storage temperature</b>	-20°C~45°C (<1 month), 0°C~35°C (>1 month)
<b>Relative humidity</b>	15%~90%
<b>Parallel connection</b>	1-6 units
<b>Protection function</b>	Overvoltage/ Undervoltage/ Overcurrent/ Short-circuit/ Reverse connection
<b>Communication interface</b>	RS485/RS232/CAN/GPRS
<b>Pack weight</b>	55±0.5kg
<b>Pack dimensions</b>	420 x 163 x 644 mm
<b>IP Protection</b>	IP25
<b>Warranty</b>	5 years
<b>Certification</b>	UN38.3



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