

SPW Power Wall Lithium Energy Storage Battery

48V/51.2V 100Ah/200Ah/280Ah

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BMS protection
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Wall hanging design
- 
Home energy storage
- 
Intelligent communication



Product Introduction

The SPW Power Wall lithium energy storage battery, uses high cycle lithium iron phosphate cells, which are more convenient and aesthetically pleasing to install. The high-performance BMS protection and management battery system has a wider range of use and longer lifespan than traditional batteries. Using SUG's exclusive color screen design, you can check the battery's operation status quickly and conveniently.

Product features

- ① Grade A LiFePO4 cell
- ② Parallel support for 15PCS
- ③ Compatible with multiple inverter brands
- ④ 6000 cycles @ DOD80%
- ⑤ Bluetooth/WIFI optional
- ⑥ BMS 100A/150A/200A optional
- ⑦ LCD color display screen

Application Area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunications, communication, and fire protection

Product Parameters

Model	SPW-48100	SPW-48200	SPW-48280	SPW-51.2100	SPW-51.2200	SPW-51.2280
Standard voltage	48V	48V	48V	51.2V	51.2V	51.2V
Standard capacity	100Ah	200Ah	280Ah	100Ah	200Ah	280Ah
Rated capacity	4.8kWh	9.6kWh	14.4kWh	5.12kWh	10.24kWh	15.36kWh
Working voltage	40.5-54V			43.2-57.6V		
Standard charging current	50A	100A	150A	50A	100A	150A
Standard discharging current	100A	100A	200A	100A	100A	200A
Suggested DOD	80%					
Cycle life	>6000 cycles					
IP Rating	IP21(IP65 optional)					
Discharge operating temperature	-20°C-60°C					
Charging operating temperature	0°C-45°C					
Maximum parallel	15PCS					
Communication	RS232/CAN/RS485 (WIFI/BT optional)					
Display	LCD color screen/LCD touch screen (optional)					
Warranty	5 Years					
Certificate	UN38.3/MSDS/CE/ROHS/FCC					
NW. (kg)	47.2	87	115	47.3	90.4	118.1
GW.(kg)	51.4	105	133	56	111.1	139.1
Product size (mm)	630*405*160	820*555*200	790*530*268	630*405*160	820*555*200	790*530*268
Package size (mm)	705*540*300	870*610*410	850*590*300	730*505*305	925*660*435	900*630*480