

# SPW-A Power Wall Lithium Energy Storage Battery

48V/51.2V 100Ah/200Ah/300Ah

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BMS protection
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Wall hanging design
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Home energy storage
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Intelligent communication



## Product Introduction

The SPW-A 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-B-48100                        | SPW-B-48200 | SPW-B-48300 | SPW-B-51.2100 | SPW-B-51.2200 | SPW-B-51.2300 |
|---------------------------------|------------------------------------|-------------|-------------|---------------|---------------|---------------|
| Standard voltage                | 48V                                | 48V         | 48V         | 51.2V         | 51.2V         | 51.2V         |
| Standard capacity               | 100Ah                              | 200Ah       | 300Ah       | 100Ah         | 200Ah         | 300Ah         |
| 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 touch screen                   |             |             |               |               |               |
| Warranty                        | 5 Years                            |             |             |               |               |               |
| Certificate                     | UN38.3/MSDS/CE/ROHS/FCC            |             |             |               |               |               |
| NW. (kg)                        | 47.2                               | 87          | 115         | 48            | 91            | 120           |
| GW.(kg)                         | 51.4                               | 105         | 133         | 55            | 109           | 138           |
| Product size (mm)               | 545*460*200                        | 790*530*200 | 790*530*240 | 545*460*200   | 790*530*200   | 790*530*240   |
| Package size (mm)               | 625*540*300                        | 870*610*410 | 850*590*300 | 625*540*300   | 870*610*410   | 850*590*300   |