



# SmartStor WA2-48-51-100-200-LV

Wall-mounted LiFePO4 Energy Storage Battery

4.8/5.12/9.6/10.24kWh



## Highlights



### Perfect Compatibility

Compatible to most inverter brands on the market, such as Growatt, Deye, Solis etc;



### Flexible Configuration

Parallel for expanding capacity and power and support USB upgrade,wifi upgrade(optional),remote upgrade;



### Eco-Friendly

The whole module is non-toxic, non-polluting and environmentally friendly;



### Multi-protection

Protection functions including over-discharge, over-charge, over-current and over-high or low temperature etc;



### Higher Cycle Life

charging & discharging efficiency is high, and the number of cycles is 8000+ times;



### Smart Management

BMS can automatically manage charge & discharge state and balance current and voltage of each cell.

| Product Model                 | WA2-48-100-LV                     | WA2-48-200-LV | WA2-51.2-100-LV | WA2-51.2-200-LV |
|-------------------------------|-----------------------------------|---------------|-----------------|-----------------|
| Rated Voltage(Vdc)            | 48V                               |               | 51.2V           |                 |
| Capacity(Ah)                  | 100Ah                             | 200Ah         | 100Ah           | 200Ah           |
| Rated Energy (kWh)            | 4.8                               | 9.6           | 5.12            | 10.24           |
| Cells In Series               | 20                                | 40            | 20              | 40              |
| Charging Voltage (V)          | 15S                               |               | 16S             |                 |
| Discharge Cut-off Voltage (V) | 54.75                             |               | 58.4            |                 |
| Standard Charge Current (A)   | 42                                |               |                 |                 |
| Maximum Charging Current (A)  | 100                               |               |                 |                 |
| Maximum Discharge Current (A) | 100                               |               |                 |                 |
| Cycle Life                    | ≥8000 times @80% DOD, 25°C, 0.5C  |               |                 |                 |
| Methods Of Communication      | RS232/RS485/CAN                   |               |                 |                 |
| Charging Temperature          | 0~60°C@60±25% Relative Humidity   |               |                 |                 |
| Discharge Temperature         | -10~65°C@60±25% Relative Humidity |               |                 |                 |
| How It Is Displayed           | LCD display                       |               |                 |                 |
| IP Protection                 | IP 21                             |               |                 |                 |
| Product Dimensions (L×W×Hmm)  | 440×170×560                       | 450×206×670   | 440×186×560     | 450×206×670     |
| Net Weight (Kg)               | 43                                | 83            | 44              | 87              |
| Packing Dimensions (L×W×Hmm)  | 512×255×632                       | 525×410×755   | 512×255×632     | 525×410×755     |
| Gross Weight (Kg)             | 45                                | 100           | 50              | 104             |
| Certificate                   | UN38.3, MSDS, CE                  |               |                 |                 |