



S series LifePo4 Battery  
S52100 Rack Mounted  
51.2V/100Ah/5.12KWh



LiFePO4 Prismatic Cell

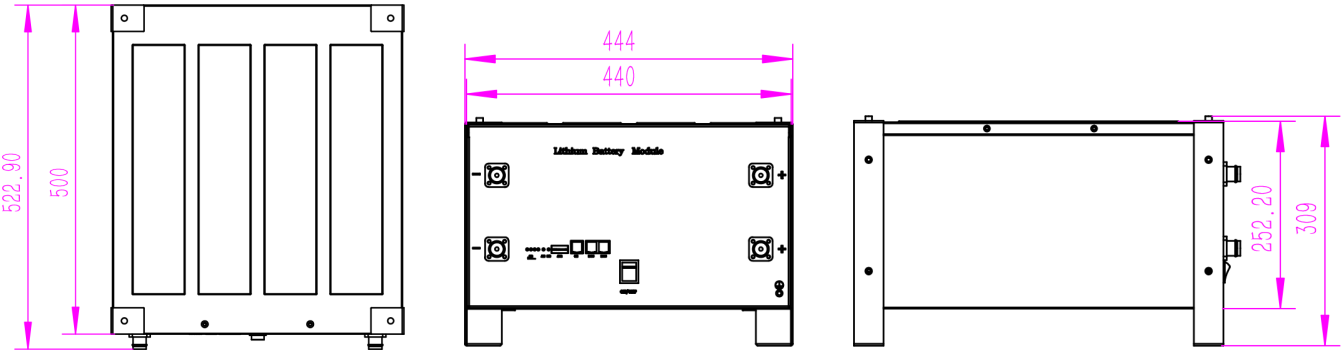
Cycle life  
>6000 Cycles @ 90%DOD

Intelligent BMS  
Wider compatibility

Scalable: paralleled 16 sets  
Battery:5.12kWh - 81.92kWh

Compact Design and  
Safety Protection

Customizable  
Indoor or outdoor cabinets  
as request



| Model                       | S52100               |
|-----------------------------|----------------------|
| Nominal Voltage             | 51.2V                |
| Voltage Range               | 44.8V~58.4V          |
| Nominal Capacity            | 100Ah                |
| Nominal Energy              | 5.12kWh              |
| Charge Current              | 50A                  |
| Max Charge Current          | 100A                 |
| Discharge Current           | 50A                  |
| Max Discharge Current       | 100A                 |
| Charge Temperature          | 0℃~+55℃              |
| Discharge Temperature       | -10℃~+55℃            |
| Relative Humidity           | 5% - 95%             |
| Dimension(L*W*H mm)         | 523*446*312±2mm      |
| Weight(KG)                  | 65±2KG               |
| Communication               | CAN, RS485           |
| Enclosure Protection Rating | IP52                 |
| Cooling Type                | Natural Cooling      |
| Cycle Life                  | ≥6000                |
| Recommend DOD               | 90%                  |
| Design Life                 | 20+ Years (25℃@77°F) |
| Safety Standard             | CE/UN38.3            |
| Max. Pieces of Parallel     | 16                   |