



**S series LifePo4 Battery**  
**S52200 Rack/Stand Mounted**  
51.2V/200Ah/10.24KWh



**Cycle life**  
>6000 Cycles @ 90%DOD



**Consistency of battery cells**  
Active equalization (3A)  
Settable charging voltage



**Intelligent BMS**  
Wider compatibility;  
Automatic DIP Setting



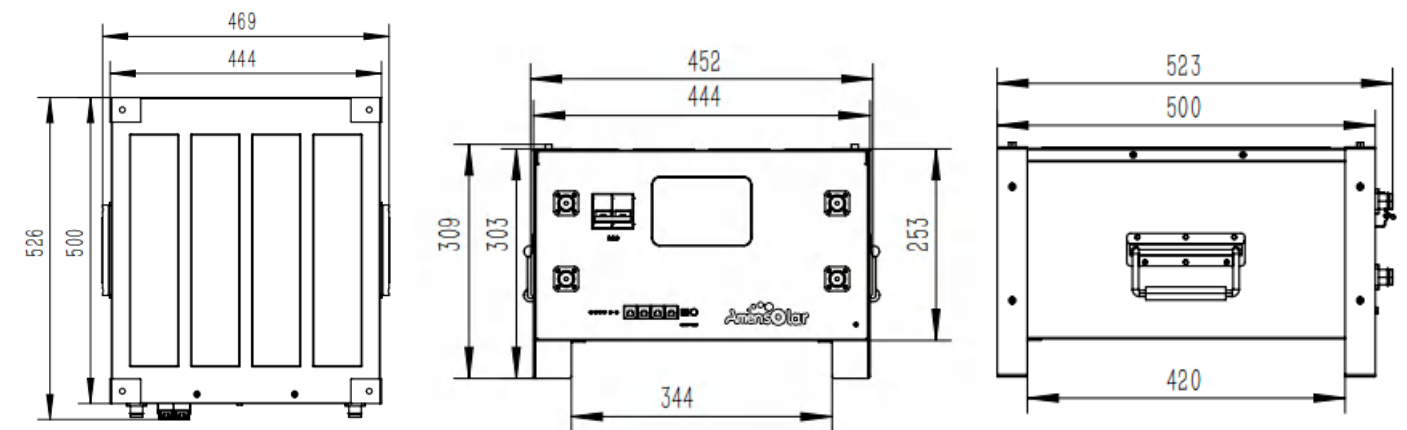
**Scalable: paralleled 16 sets**  
Battery:10.24kWh - 163.84kWh



**Compact Design and  
Safety Protection**



**Touch screen**  
View battery information  
Set communication protocol and DIP



| Model                       | S52200                                                  |
|-----------------------------|---------------------------------------------------------|
| Nominal Voltage             | 51.2V                                                   |
| Voltage Range               | 44.8V~58.4V                                             |
| Nominal Capacity            | 200Ah                                                   |
| Nominal Energy              | 10.24kWh                                                |
| Charge Current              | 100A                                                    |
| Max Charge Current          | 200A                                                    |
| Discharge Current           | 100A                                                    |
| Max Discharge Current       | 200A                                                    |
| Charge Temperature          | 0℃~+55℃                                                 |
| Discharge Temperature       | -10℃~+55℃                                               |
| Battery Equalization        | Active 3A and Passive                                   |
| Relative Humidity           | 5% - 95%                                                |
| Dimension(L*W*H)            | Battery: 444*500*253mm Including Rackets: 469*526*309mm |
| Weight                      | 85±1KG                                                  |
| 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                                                      |