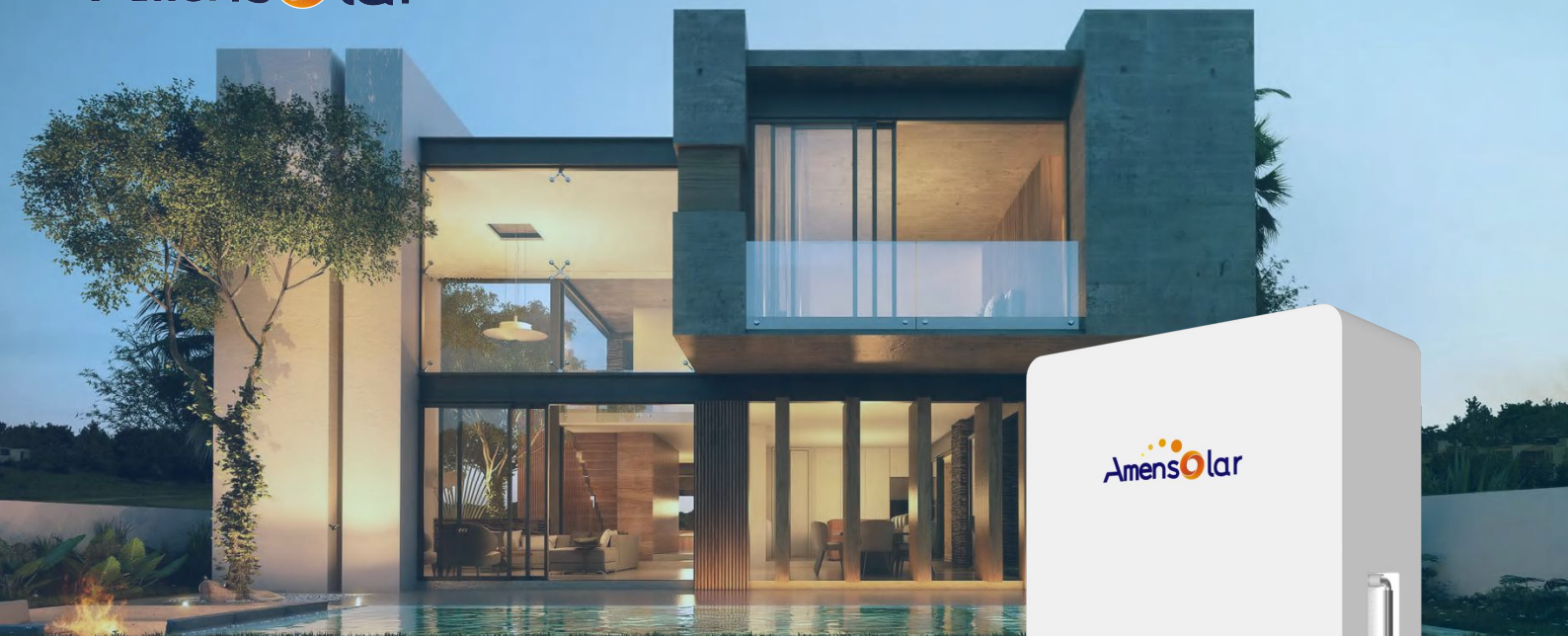
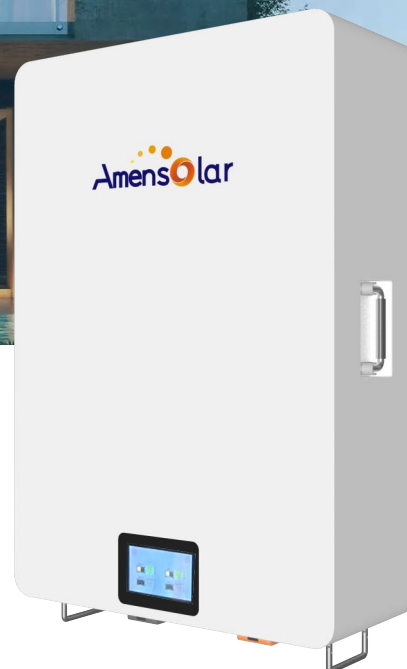




# A Series LifePo4 Battery POWER BOX Wall Mounted

51.2V/200Ah/10.24KWh



## Cycle life

>6000 Cycles @ 90%DOD



## Consistency of battery cells

Active equalization (3A)  
Settable charging voltage



## Wall mounted

Larger capacity in limited space



## Scalable: paralleled 8 sets

Battery: 10.24kWh;  
Max. energy: 81.92kWh;



## Intelligent BMS

Wider compatibility;  
Automatic DIP Setting



## Car-grade LiFePo4 battery

Compact, safe, stable, flexible



## Auto-heating function

Heating below 0 °C  
BMS automatic management



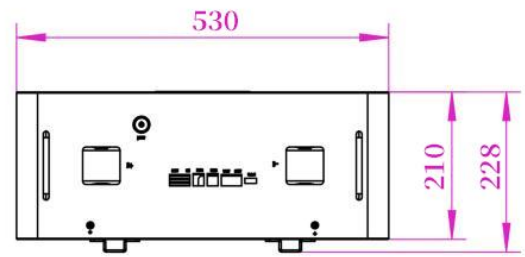
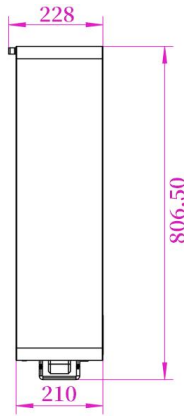
## Touch screen

View battery information  
Set communication protocol and DIP



Web

[www.amensolaress.com](http://www.amensolaress.com)



| Model                       | POWER BOX A5120X2                                                         |
|-----------------------------|---------------------------------------------------------------------------|
| Certificate Model           | YNJB16S100KX-L-2PD                                                        |
| Nominal Voltage             | 51.2V                                                                     |
| Voltage Range               | 44.8V~57.6V                                                               |
| 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       | -20℃~+55℃                                                                 |
| Battery Equalization        | Active 3A                                                                 |
| Heating Function            | BMS automatic management when charging temperature below 0℃<br>(Optional) |
| Relative Humidity           | 5% - 95%                                                                  |
| Dimension(L*W*H)            | 530*760*210mm                                                             |
| Weight                      | 97±0.5KG                                                                  |
| Communication               | CAN, RS485                                                                |
| Enclosure Protection Rating | IP21                                                                      |
| Cooling Type                | Natural Cooling                                                           |
| Cycle Life                  | ≥6000                                                                     |
| Recommend DOD               | 90%                                                                       |
| Design Life                 | 20+ Years (25℃@77°F)                                                      |
| Safety Standard             | CUL1973/UL1973/CE/IEC62619/UN38.3                                         |
| Max. Pieces of Parallel     | 8                                                                         |