



WALL MOUNTED ENERGY STORAGE LiFePO4 BATTERY KPL48100 (51.2V100Ah/5.12KWh)

FEATURES:

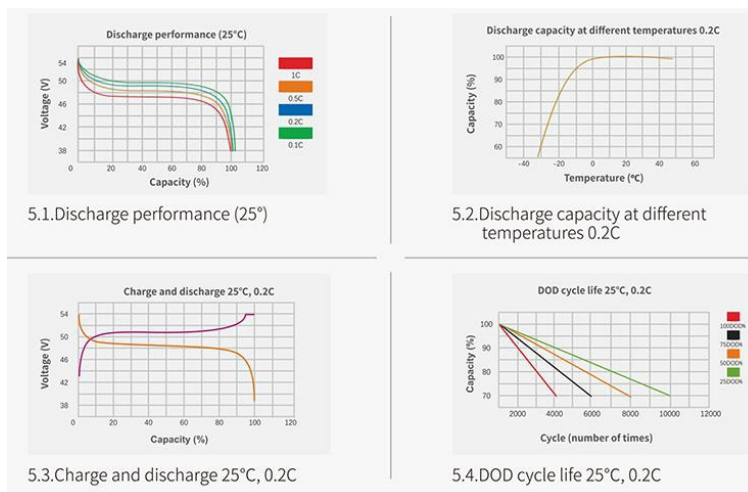
The lithium iron phosphate series batteries are customized with the BMS communication protocol, which is safe and reliable, and supports the corresponding inverter system.

Compared with similar products, it has the smallest volume to save space and it is easy to transport. The appearance and color can be customized.



APPLICATION:

- uninterruptible power supply;
- small businesses;
- home backup;
- offices;
- hospitals;
- base stations;
- banks;
- backup power systems;
- data centers.



SPECIFICATION:

| | | |
|-----------------------|----------------------------|--------------------------|
| Electrical | Nominal Voltage | 51.2V |
| | Nominal Capacity | 100Ah(0.2C,25°C) |
| | Nominal Power | 5120Wh |
| | Internal Resistance | ≤10mΩ |
| | Cycle Life | ≥6000 Cycle, 80%DOD,25°C |
| | Months Self Discharge | <3% |
| | Efficiency of Charge | 100%@0.2C |
| | Efficiency of Discharge | 100%@0.2C |
| Standard Charge | Limited Charge Voltage | 58.4V±0.2V |
| | Standard Charge Current | 20A |
| | Maximum Charge Current | 100A |
| Standard Discharge | Standard Discharge Current | 20A |
| | Maximum Discharge Current | 100A |
| | Discharge Cut-off Voltage | 40V |
| Operating Temperature | Charge Temperature | 0°C~45°C |
| | Discharge Temperature | -20°C~60°C |
| Storage Environment | Less Than 1 Month | 20°C~60°C,85%RHMax |
| | Less Than 3 Months | 0°C~35°C,85%RHMax |
| | Storage Proposal | 15°C~35°C,75%RHMax |
| Mechanical | Cell & Method | 3.2V102Ah-16S1P |
| | Case | Metal Case |
| | Dimensions(mm) | 450*455*181mm |
| | Weight(kg) | 45± 5kg |
| | Protocol(Optional) | RS485/RS232/CAN |
| | BMS | 16S100A |
| Quality Warranty | 5 Years | |