

51.2V 100AH LITHIUM BATTERY



► Features

- A grade brand new prismatic LiFePO4 cells
- ≥ 4000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Cell balance function
- Support RS485, CAN, RS232 communication
- Max.8 battery packs can be connected in parallel

► Electrical Characteristics

| Model | LFP5.12KWH51.2V-P20R1 |
|-----------------------------------|--|
| Battery Type | LiFePO4 |
| Nominal Voltage (V) | 51.2 |
| Nominal Capacity (AH) | 100 |
| Energy (WH) | 5120 |
| Pack Mode | 16S1P |
| Continuous Discharge Current (A) | 50 |
| Charge Cut-off Voltage (V) | 57.6 |
| Discharge Cut-off Voltage (V) | 41.6 |
| Max.Charge Current (A) | 50 |
| Max.Discharge Current (A) | 100 |
| Peak Discharge Current (A) | 130@10S |
| Recommend Discharge Current (A) | 50 |
| Recommend Discharge Depth (%) | 80 |
| Cycle Life | ≥ 4000 cycles (25°C, 0.5C) 80% DOD |
| Communication | RS485 CAN RS232 |
| Display | LED |
| Charge&Discharge Temperature (°C) | Charge: 0°C~+55°C / Discharge: -20°C~+60°C |
| Optimal Storage Temperature (°C) | 5°C ~ +35°C |
| Recommend Storage Humidity | 20%~80% |
| Terminal | M6 |
| Dimensions (L*W*H) (mm) | 502*482*176 |
| Weight (Kg) | 49±1 |
| Transportation | UN38.3、MSDS、IEC62619、EN IEC61000-6-1/2/3/4 |
| IP Class | IP20 |