51.2V 100AH LITHIUM BATTERY



Features

- A grade brand new prismatic LiFePO4 cells
- ⩾5000 cycles @80% DOD(25℃, 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

	LFP5.12KWH51.2V-P20R1
Battery Type	LiFePO4
Nominal Voltage (V)	51.2V
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	⩾5000 cycles (25°C, 0.5C) 80% DOD
Communication	RS485 CAN RS232
Display	LED
Charge&Discharge Temperature (℃)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (℃)	5℃ ~ +35℃
Recommend Storage Humidity	20%~80%
Terminal	M6
Dimensions (W*H*D) (mm)	502*482*176
Weight (Kg)	49±1
Transportation	UN38.3 MSDS
IP Class	IP20