LiFePO4 Lithium Battery Bank

(25.6V&51.2V-100Ah、150Ah、200Ah)

MAIN FEATURES

- Big discharge current, Suitable for solar system
- Smart BMS system to optimize the eormance
- RS485/CAN compatible with different brand of solar inverter

Product Specifications

Model	LPBF24100	LPBF24150	LPBF24200	LPBF48100	LPBF48150	LPBF48200
Rated Capacity	2.56KWH	3.84KWH	5.12KWH	5.12KWH	7.68KWH	10.24KWH
Nominal Voltage	25.6	25.6	25.6	51.2	51.2	51.2
Voltage Range	20-28.8	20-28.8	20-28.8	40-57.6	40-57.6	40-57.6
Recommend Charge Cut-off Voltage	28.8	28.8	28.8	57.6	57.6	57.6
Recommend Discharge Cut-off Voltage	20	20	20	40	40	40
MAX. Charge & Discharge Current	100A/150A/200A					
DOD	>95%					
Modules Connection	1~6 in parallel					
Communication	CAN & RS485					
Ingress Protection	IP21					
Cycle Life	>3000 @25℃					
Working Temperature Range	Discharge:-20℃ to +65℃, Charge:+0℃ to +55℃					
Internal Resistance	≤30m Ω					
Maximum Continuous Charging Current	0-70A					
Maximum Continuous Discharge Current	0-100A					
Power Instructions	Have					
Weakness Switch	Often Open Often Closed					
RS485 Communication Port	Two					
Display Screen	Have					
Storage Temperature	Save For Three Months From 0 ℃ To 30℃					
Transport And Storage Form	Static Batteries Shall Betransported And Stored Under Semifilled Conditions（About 70%）					
Charging And Protection Voltage	3.75V±50mV(monomer)					
Overcharge is slow,overvoltage	3.55V±50mV(monomer)					
Discharge Protection Voltage	2.2V±100mV(monomer)					
Overslow, Complex Voltage	2.7V±100mV(monomer)					
Overcurrent Protection	180±10A					
Short circuit Protection	(Release condition is off- load) / MOS Tube Bears The Highest Short Circuit Current					
Balanced Function	Equilibrium Current is 45 ± 5mA					