




LiFePO4 Lithium Battery Bank

(25.6V 100Ah 200Ah、 51.2V 100Ah 200Ah 300Ah)

MAIN FEATURES

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



Product Specifications

Model	LPBF24100	LPBF24200	LPBF48100	LPBF48200	LPBF48300
Rated Capacity	2.56KWH	5.12KWH	5.12KWH	10.24KWH	15.36KWH
Nominal Voltage	25.6	25.6	51.2	51.2	51.2
Voltage Range	20-28.8	20-28.8	40-57.6	40-57.6	40-57.6
Recommend Charge Cut-off Voltage	28.8	28.8	57.6	57.6	57.6
Recommend Discharge Cut-off Voltage	20	20	40	40	40
MAX. Charge & Discharge Current	100A/200A/300A				
DOD	>95%				
Modules Connection	1~9 in parallel				
Communication	CAN & RS485				
Ingress Protection	IP21				
Cycle Life	>3000 @25°C				
Working Temperature Range	Discharge:-20°C to +65°C, Charge:+0°C to +55°C				
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 °C To 30°C				
Transport And Storage Form	Static Batteries Shall Be transported 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				