

LiFePO4 BATTERY SYSTEM

LPBF48100-M /48200-H



FEATURES

-  Long Warranty: 5 Years
-  High Scalability: Up to 6 units in parallel
-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection: Built-in smart BMS and Fuse.
-  Flexible Installation: Wall-Mounted or Floor-Mounted.
-  Wide Compatibility: Compatible with leading inverter brands.

PRODUCT PERSPECTIVE



PRODUCT PARAMETERS

Model	LPBF48100-M	LPBF48200-H
Usable Capacity	5Kwh	10Kwh
Nominal Voltage	51.2V	51.2V
Voltage Range	48-57.6V	48-57.6V
MAX. Charge & Discharge Current	100A @15S	120A @15S
Recommend Charge&Discharge Current	≤50A	≤80A
MAX. Output Power	5000W	6000W
Recommend Output Power	2500W	4000W
DOD	≥95%	
Scalability	Up to 6 units in parallel	
Communication	CAN&RS485	
Ingress Protection	IP21	
Cycle Life	≥6000@25°C80% DOD	
Working Temperature Range	Discharge: -20°C to + 60°C, Charge: +0°C to + 55°C	
Net Weight(KG)	40KG	75KG
Gross Weight(KG)	45KG	88KG
Product Dimension(MM)	630*540*260MM	685*475*213MM
Package Dimension(MM)	642*552*278MM	780*570*375MM

Convenient CAN&RS485 Communication

