

LiFePO4 BATTERY SYSTEM

FLA48100/48200/48250



FEATURES

-  Built-in WIFI device.
-  Long Warranty: 7 Years.
-  Built-in fire protection system.
-  High Scalability: Capacity up to 187.5Kwh.
-  Multiple Protection: Built-in smart BMS and Breaker.
-  Flexible Installation: Wall-Mounted or Floor-Mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Wide Compatibility: Compatible with leading inverter brands.

PRODUCT PARAMETERS

Model	FLA48100	FLA48200	FLA48250
Usable Capacity	5.12Kwh	10Kwh	12.5Kwh
Battery Type	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage	51.2V	51.2V	51.2V
Operating Voltage	44.8-57.6V	44.8-57.6V	44.8-57.6V
Recommend Charge/Discharge Current[1]	≤100A	≤120A	≤150A
Recommend Charge/Discharge Power[1]	≤5000W	≤6000W	≤7500W
Maximum Charge/Discharge Current(15s)	150A	150A	200A
Maximum Charge/Discharge Power(15s)	7500W	7500W	10000W
Depth of Discharge(DOD)	≥95%	≥95%	≥95%
Scalability	Up to 15 units in parallel (76.8Kwh)	Up to 15 units in parallel (150Kwh)	Up to 15 units in parallel (187.5Kwh)
Communication	CAN&RS485		
Ingress Protection	IP21		
Cycle Life[2]	≥ 6000 Cycles		
Charging Temperature Range	0~55°C		
Discharging Temperature Range	-20~55°C		
Display	LCD+LED		
Installation	Wall--Mounted/Floor-Mounted		
Protection	Built-in smart BMS, Breaker, Fuse		
Warranty	7 Years		
Net Weight(KG)	48KG	68KG	97KG
Gross Weight(KG)	55KG	88KG	118KG
Product Dimension(MM)	663*400*178MM	735*433*188MM	783*450*274MM
Package Dimension(MM)	778*518*352MM	815*552*362MM	900*570*450MM

[1] Recommend charge/discharge current/power is affected by temperature and SOC.

[2] Test conditions: 0.2C Charging/Discharging @25°C,80% DOD

Convenient CAN&RS485 Communication

