







LiFePO4 BATTERY SYSTEM

FLA 48250



FEATURES

-  Long Warranty: 7 Years.
-  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	FLA48250
Usable Capacity	12.5kWh
Battery Type	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current[1]	≤150A
Recommend Charge/Discharge Power[1]	≤7500W
Maximum Charge/Discharge Current(15s)	200A
Maximum Charge/Discharge Power(15s)	10000W
Depth of Discharge(DOD)	≥95%
Scalability	Up to 15 units in parallel
Communication	CAN&RS485
Ingress Protection	IP21
Cycle Life[2]	≥ 6000 Cycles
Charging Temperature Range	0~55°C
Discharging Temperature Range	-20~60°C
Display	LCD+LED
Installation	Wall--Mounted/Floor-Mounted
Protection	Built-in smart BMS, Breaker, Fuse
Warranty	7 Years
Net Weight(KG)	97KG
Gross Weight(KG)	115KG
Product Dimension(MM)	783*450*274MM
Package Dimension(MM)	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

