

LiFePO4 BATTERY SYSTEM

FLA24100/24250/24300



FEATURES

-  Built-in WiFi.
-  Long Warranty: 7 Years.
-  Built-in fire protection system.
-  High Scalability: Up to 15 units in parallel.
-  Flexible Installation: Wall-Mounted or Floor-Mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection: Built-in smart BMS, Breaker and Fuse.
-  Wide Compatibility: Compatible with leading inverter brands.

PRODUCT PARAMETERS

Model	FLA24100	FLA24250	FLA24300
Usable Capacity	2.56Kwh	6.25Kwh	7.5Kwh
Battery Type	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage	25.6V	25.6V	25.6V
Operating Voltage	22.4-28.8V	22.4-28.8V	22.4-28.8V
Recommend Charge/Discharge Current[1]	≤100A	≤150A	≤150A
Recommend Charge/Discharge Power[1]	≤2500W	≤3750W	≤3750W
Maximum Charge/Discharge Current(15s)	150A	200A	200A
Maximum Charge/Discharge Power(15s)	3750W	5000W	5000W
Depth of Discharge(DOD)	≥95%	≥95%	≥95%
Scalability	Up to 15 units in parallel (38.4Kwh)	Up to 15 units in parallel (93.75Kwh)	Up to 15 units in parallel (112.5Kwh)
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)	28KG	52.5KG	74KG
Gross Weight(KG)	31KG	57KG	94KG
Product Dimension(MM)	454*400*154MM	527*400*280MM	700*440*253MM
Package Dimension(MM)	573*522*232MM	646*522*358MM	820*560*427MM

[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

