







LiFePO4 BATTERY SYSTEM

FLA12100/12200



FEATURES



-  Long Warranty: 5 Years.
-  High Scalability: Up to 16 units in parallel.
-  Flexible Installation: Floor-Mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection: Built-in smart BMS, Fuse.
-  Wide Compatibility: Compatible with leading inverter brands.

PRODUCT PARAMETERS

Model	FLA12100	FLA12200
Usable Capacity	1.28Kwh	2.56Kwh
Battery Type	LiFePO4	LiFePO4
Nominal Voltage	12.8V	12.8V
Operating Voltage	11.2-14.4V	11.2-14.4V
Recommend Charge/Discharge Current[1]	≤100A	≤120A
Recommend Charge/Discharge Power[1]	≤1250W	≤1500W
Maximum Charge/Discharge Current(15s)	150A	200A
Maximum Charge/Discharge Power(15s)	1875W	2500W
Depth of Discharge(DOD)	≥95%	
Scalability	Up to 16 units in parallel (20.48Kwh)	Up to 16 units in parallel (40.96Kwh)
Communication	CAN&RS485	
Ingress Protection	IP21	
Cycle Life[2]	≥ 6000 Cycles	
Charging Temperature Range	0~55℃	
Discharging Temperature Range	-20~55℃	
Display	LCD+LED	
Installation	Floor-Mounted	
Protection	Built-in smart BMS, Fuse	
Warranty	5 Years	
Net Weight(KG)	11KG	16KG
Gross Weight(KG)	15KG	20KG
Product Dimension(MM)	285*263*215MM	328*248*199MM
Package Dimension(MM)	447*325*273MM	391*310*257MM

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

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

Convenient CAN&RS485 Communication

