







LiFePO4 BATTERY SYSTEM

FLA12100/12200



FEATURES

-  Long Warranty: 7 Years.
-  High Scalability: Up to 15 units in parallel.
-  Flexible Installation: 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 | 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 15 units in parallel (19.2Kwh) | Up to 15 units in parallel (38.4Kwh) |
| 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 | Floor-Mounted | |
| Protection | Built-in smart BMS, Breaker, Fuse | |
| Warranty | 7 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°C,80% DOD

Convenient CAN&RS485 Communication

