

# LiFePO4 BATTERY SYSTEM LPBF Series



## Product Description

Strong series is designed for residential and commercial Energy Storage applications, with LiFePo4 chemistry battery which has been widely recognized as one of the safest battery technologies.

| MODEL                                | LPBF24200-M                                     | LPBF48100-M   | LPBF48200-H   |
|--------------------------------------|---|---------------|---------------|
| Total Capacity                       | 5KWH  | 5KWH          | 10KWH         |
| Nominal Voltage                      | 25.6V   | 51.2V         | 51.2V         |
| Voltage Range                        | 24-28.8V  | 48-57.6       | 48-57.6       |
| MAX. Charge & Discharge Current      | 120A@30S  | 100A@30S      | 120A@30S      |
| Recommend Charge & Discharge Current | ≤80A  | ≤50A          | ≤80A          |
| MAX. Output Power                    | 3000W   | 5000W         | 6000W         |
| Recommend Output Power               | 2000W   | 2500W         | 4000W         |
| DOD                                  | ≥95%  |               |               |
| Modules Connection                   | 1-6in parallel                                  |               |               |
| Communication                        | CAN&RS485                                       |               |               |
| Ingress Protection                   | IP21  |               |               |
| Cycle Life                           | ≥6000@25°C,80%DOD                               |               |               |
| Working Temperature Range            | Discharge:-20°C to + 65°C, Charge:+0°C to +55°C |               |               |
| Net Weight(KG)                       | 39KG  | 40KG          | 75KG          |
| Gross Weight(KG)                     | 44KG  | 45KG          | 88KG          |
| Product Dimension(MM)                | 450x415x213MM                                   | 630x540x260MM | 685x475x213MM |
| Package Dimension(MM)                | 537x537x298MM                                   | 642x552x278MM | 780x570x375MM |

## Product advantage

1. Iron phosphate-lithium power battery
2. Long warranty period:5 years
3. Higher energy density,smaller volumn for household.
4. Support connected in parallel mode for expansion
5. Photovoltaic system: This battery pack is designed for household photovoltaic systems.
6. Battery management system (BMS): The battery packs built-in BMS monitors its operation and prevents the battery from operating outside design limitations.
7. Expandability: This battery pack can be easily expanded by adding expansion battery packs in parallel connection.



LPBF48100-M

LPBF48200-H

## Convenient

CAN&RS485 Communication

