

# LiFePO4

## BATTERY SYSTEM

### LPBA-48200



## Convenient

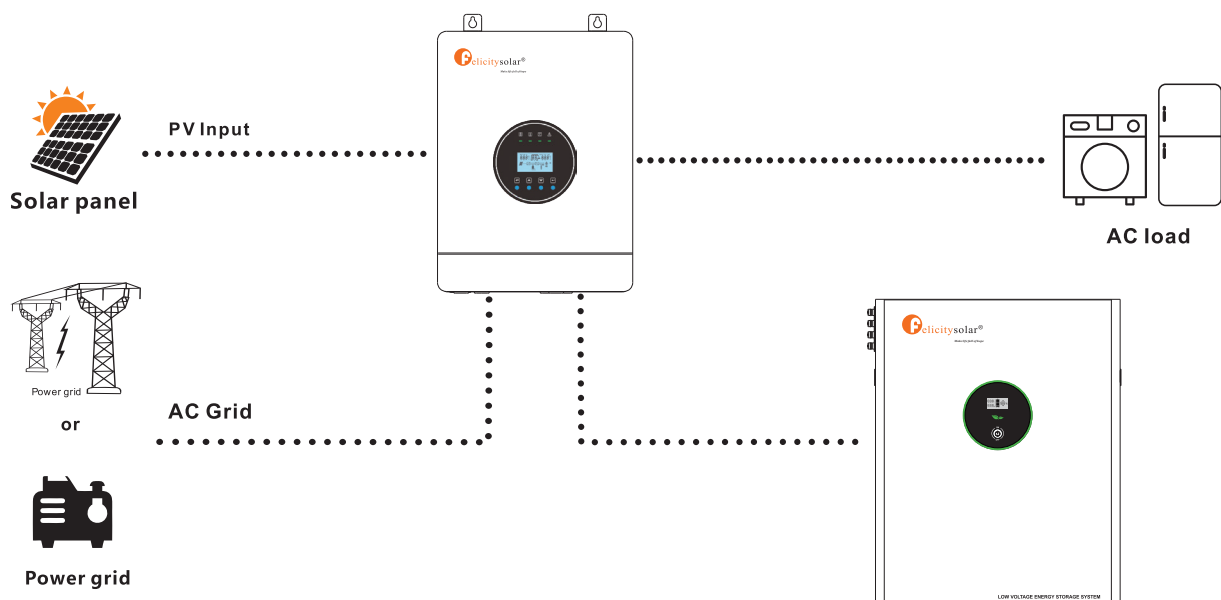
### CAN&RS485 Communication



## ADVANTAGE

1. Iron phosphate-lithium power battery
2. Long warranty period: 7 years
3. Higher energy density, smaller volume 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.

## CONNECTION DIAGRAM



**NOTE :** One group of LPBA 48V can be stacked up to 2 layers, and up to 12 in parallel connection.



## PRODUCT PARAMETER

Model	LPBA48200
Usable Capacity	10KWH
Nominal Voltage	51.2
Voltage Range	48-57.6
Recommend Charge Cut-off Voltage	57.6
Recommend Discharge Cut-off Voltage	48
MAX. Charge & Discharge Current	120A @10S
Recommend Charge&Discharge Current	100A
MAX. Output Power	6000W
Recommend Output Power	5000W
DOD	≥95%
Modules Connection	1~12 in parallel
Communication	CAN&RS485
Ingress Protection	IP21
Cycle Life	≥6000@25°C, 80%DOD
Working Temperature Range	Discharge:-20°C to +60°C, Charge:+0°C to +55°C
Net Weight(KG)	70.5KG
Gross Weight(KG)	91KG
Product Dimension(MM)	755x600x160MM
Package Dimension(MM)	855x 700x340MM