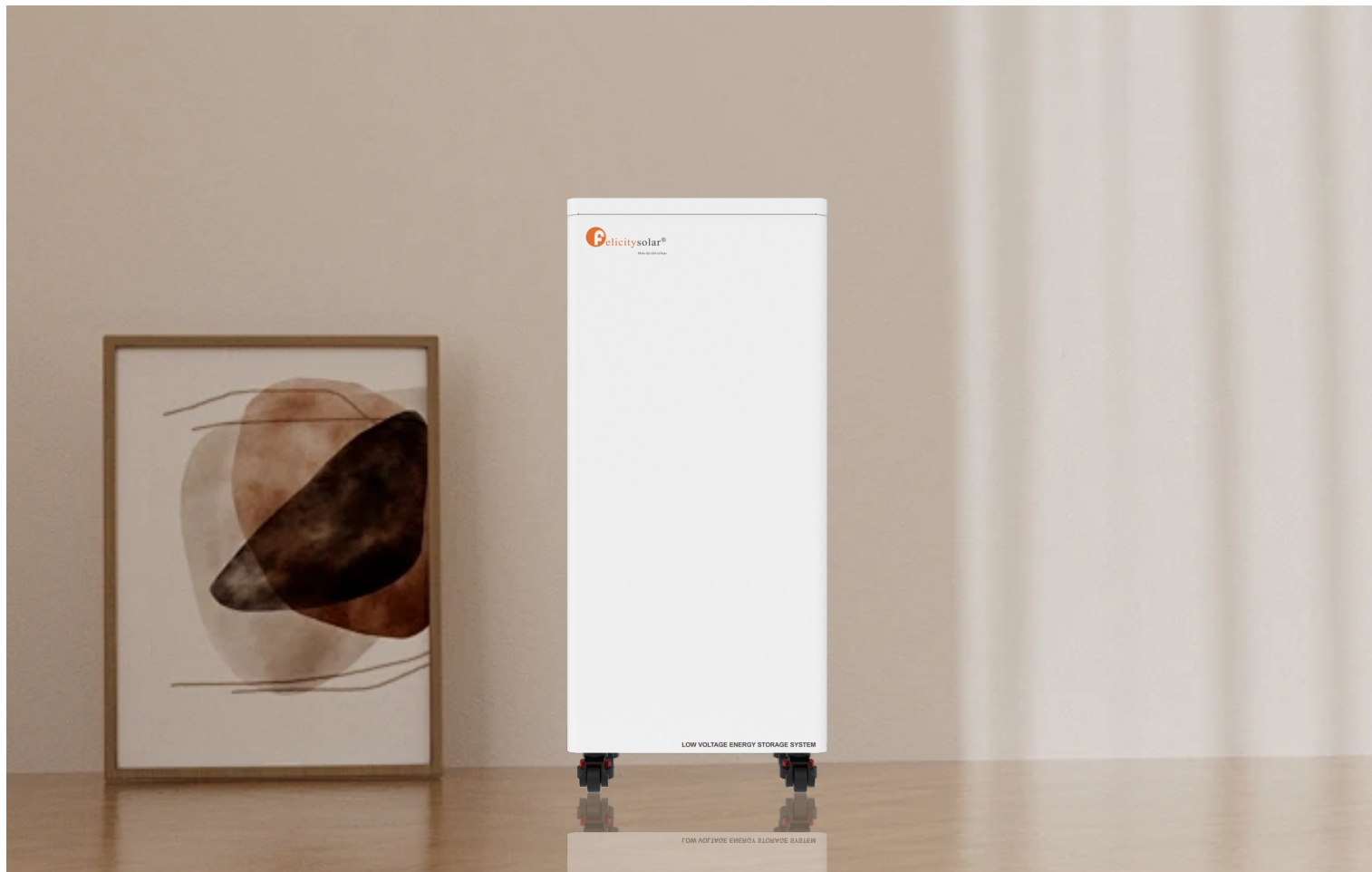


# LiFePO4 BATTERY SYSTEM

## FLA 48300



## FEATURES

-  Long Warranty: 7 Years.
-  High Scalability: Capacity up to 225Kwh.
-  Flexible Installation: Movable type Floor-Mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Built-in WIFI: Remote monitor of the battery pack data.
-  Multiple Protection: Built-in smart BMS, Breaker and Fuse.
-  Wide Compatibility: Compatible with leading inverter brands.

## PRODUCT PARAMETERS

| Model                                                                            | FLA 48300                          |
|----------------------------------------------------------------------------------|------------------------------------|
| Usable Capacity                                                                  | 15kWh                              |
| Battery Type                                                                     | LiFePO4                            |
| Nominal Voltage                                                                  | 51.2V                              |
| Operating Voltage                                                                | 44.8-57.6V                         |
| Recommend Charge/Discharge Current[1]                                            | ≤ 150A                             |
| Recommend Charge/Discharge Power[1]                                              | ≤ 7500W                            |
| Maximum Charge/Discharge Current(15s)                                            | 200A                               |
| Maximum Charge/Discharge Power(15s)                                              | 10000W                             |
| Depth of Discharge(DOD)                                                          | ≥ 95%                              |
| Scalability                                                                      | Up to 15 units in parallel(225kWh) |
| Communication                                                                    | CAN&RS485                          |
| Ingress Protection                                                               | IP21                               |
| Cycle Life[2]                                                                    | ≥ 6000 Cycles                      |
| Charging Temperature Range                                                       | 0~55°C                             |
| Discharging Temperature Range                                                    | -20~60°C                           |
| Display                                                                          | LCD+LED                            |
| Installation                                                                     | Floor-Mounted                      |
| Protection                                                                       | Built-in smart BMS, Breaker, Fuse  |
| Warranty                                                                         | 7 Years                            |
| Net Weight(KG)                                                                   | 135KG                              |
| Gross Weight(KG)                                                                 | 160KG                              |
| Product Dimension(MM)                                                            | 480*1100*300MM                     |
| Package Dimension(MM)                                                            | 635*1150*498MM                     |
| [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

