

**51.2V**

# LOW-voltage LiFePO4 Battery

## FLA-EU Series

### Features



Remote Monitoring  
via FSolar APP



Peace of Mind with  
Fire Protection Module



Max. 15 Units  
in Parallel



High Compatibility with  
Leading Inverter Brands



**FLA48100-EU~FLA48250-EU**



| Model                                       | FLA48100-EU                       | FLA48171-EU                       | FLA48230-EU                     | FLA48250-EU                       |
|---------------------------------------------|-----------------------------------|-----------------------------------|---------------------------------|-----------------------------------|
| Battery Type                                | LiFePO4                           |                                   |                                 |                                   |
| Nominal Energy                              | 5.12kWh                           | 8.75kWh                           | 11.7kWh                         | 12.5kWh                           |
| Nominal Voltage                             | 51.2V                             | 51.2V                             | 51.2V                           | 51.2V                             |
| Operating Voltage                           | 44.8-57.6V                        | 44.8-57.6V                        | 44.8-57.6V                      | 44.8-57.6V                        |
| Max. Continuous Charge/Discharge Current[1] | 100A                              | 120A                              | 150A                            | 150A                              |
| Peak Charge/Discharge Current(15s)          | 150A                              | 150A                              | 200A                            | 200A                              |
| Max. Charge/Discharge Power(15s)            | 7,500W                            | 6,000W                            | 7,500W                          | 10,000W                           |
| Scalability                                 | Max. 15 pcs in Parallel(76.8kWh)  | Max. 15 pcs in Parallel(131.5kWh) | Max. 15 pcs in Parallel(177kWh) | Max. 15 pcs in Parallel(187.5kWh) |
| Depth of Discharge(DOD)                     | ≥ 95%                             |                                   |                                 |                                   |
| Communication                               | RS485/CAN                         |                                   |                                 |                                   |
| Protection Degree                           | IP21                              |                                   |                                 |                                   |
| Cycle Life                                  | ≥ 6000 Cycles                     |                                   |                                 |                                   |
| Charging Temperature Range                  | 0°C~+55 °C                        |                                   |                                 |                                   |
| Discharging Temperature Range               | -20°C~+55 °C                      |                                   |                                 |                                   |
| Display Type                                | LCD+LED                           |                                   |                                 |                                   |
| Installation                                | Wall-Mounted / Floor-Mounted      |                                   |                                 |                                   |
| Protection                                  | Built-in smart BMS, Breaker, Fuse |                                   |                                 |                                   |
| Warranty Period                             | 10 Years                          |                                   |                                 |                                   |
| Certification                               | \                                 | \                                 | UN38.3                          | UN38.3, CE-EMC                    |
| Product Weight                              | 55KG                              | 68KG                              | 97KG                            | 97KG                              |
| Package Weight                              | 77KG                              | 88KG                              | 115KG                           | 115KG                             |
| Product Dimension                           | 775X425X209MM                     | 735X433X188MM                     | 783X450X274MM                   | 783X450X274MM                     |
| Package Dimension                           | 892X545X385MM                     | 849X550X362MM                     | 900X570X450MM                   | 900X570X450MM                     |

[1] Max. Continuous Charge/Discharge Current is Affected by Temperature and SOC.

\*Product specifications may vary during continuous improvements. Please contact us for latest details.

\*Refer to Felicitysolar's Warranty Policy for applicable conditions.

## Product Display



Longer Lasting LiFePO4 Battery



Built-in WiFi/Bluetooth



Max. 15 Units in Parallel



Aerosol Fire Extinguishing System



Easy Fuse Replacement Design



Real-time Status via LCD Display

**Guangzhou Felicity Solar Technology Co.,Ltd.**



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