

51.2V

LiFePO4 Battery Pack

FLA Series

Features

-  LiFePO4: higher safe performance and longer cycle life.
-  Multiple protection with built-in smart BMS, breaker and fuse.
-  Flexible Installation: floor-mounted.
-  Compatible with leading inverter brands.
-  Scalable expansion up to 15 pcs in parallel.
-  Built-in WiFi for remote monitor the battery pack data.
-  Equipped with an aerosol fire extinguishing system.
-  Easily replace the battery fuse when it blows.



FLA48280



| Model | FLA48280 |
|---|--|
| Battery Type | LiFePO4 |
| Nominal Energy | 14.3kWh |
| Nominal Capacity | 280Ah |
| Nominal Voltage | 51.2V |
| Operating Voltage | 44.8-57.6V |
| Recommend Charge/Discharge Current | 120A |
| Max. Continuous Charge/Discharge Current[1] | 150A |
| Peak Charge/Discharge Current(15s) | 200A |
| Scalability | Max. 15 pcs in Parallel(215kWh) |
| Depth of Discharge(DOD) | ≥95% |
| Display Type | LCD |
| Protection Degree | IP21 |
| Working Temperature Range | Charge: 0°C~55 °C |
| | Discharge: -20°C~55 °C |
| Storage Temperature Range | 0°C~+35°C |
| Humidity | 5%~95% |
| Altitude | ≤ 2000m |
| Communication | RS485/CAN |
| Cycle Life | ≥ 6000 Cycles (25°C±2°C,0.5C/0.5C,90%DOD,70%EOL) |
| Installation | Floor-Mounted |
| Protection | Built-in Smart BMS, Breaker, Fuse |
| Warranty Period | 7 Years |
| Certification | UN38.3 |
| Product Weight | 135KG |
| Package Weight | 160KG |
| Product Dimension | 480X1100X300MM |
| Package Dimension | 1150X635X498MM |

[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



Real-time Status via LCD Display



Aerosol Fire Extinguishing System



Support 15 Pcs in Parallel



Built-in WiFi/Bluetooth for Remote Monitoring

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