

5.12kWh

LiFePO4 Battery pack

Low Voltage

-  Up to 7-year long warranty.
-  Compatible with leading inverter brands.
-  Scalable expansion up to 15 pcs in parallel.
-  Built-in WiFi for remote monitor the battery pack data.
-  Flexible Installation: wall-mounted or floor-mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection with built-in smart BMS, breaker and fuse.



FLA48100



Model	FLA48100
Battery Type	LiFePO4
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current[1]	≤100A
Recommend Charge/Discharge Power[1]	≤5,000W
Maximum Charge/Discharge Current(15s)	150A
Maximum Charge/Discharge Power(15s)	7,500W
Scalability	Max. 15 pcs in Parallel(76.8kWh)
Depth of Discharge(DOD)	≥95%
Communication	RS485/CAN
Protection Degree	IP21
Cycle Life	≥ 6000 Cycles (25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)
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	7 Years
Certification	UN38.3、CE-EMC、 IEC 62619
Product Weight	48KG
Package Weight	55KG
Product Dimension	663X400X178MM
Package Dimension	782X522X262MM

[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



Support Wall Mounted Installation



Wide Inverter Compatibility