








51.2V

LiFePO4 Battery Pack

Low-voltage

10.5kWh

Features

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



FLA48200-P



Model	FLA48200-P	
Battery Type	LiFePO4	
Nominal Energy	10.5kWh	
Nominal Voltage	51.2V	
Operating Voltage	44.8-57.6V	
Recommend Charge/Discharge Current[1]	≤150A	
Recommend Charge/Discharge Power[1]	≤7,500W	
Maximum Charge/Discharge Current(15s)	200A	
Maximum Charge/Discharge Power(15s)	10,000W	
Scalability	Max. 15 pcs in Parallel(157.4kWh)	
Depth of Discharge(DOD)	≥95%	
Communication	RS485/CAN	
Protection Degree	IP21	
Cycle Life	≥ 6,000 Cycles (25℃±2℃,0.5C/0.5C,90%DOD,70%EOL)	
Charging Temperature Range	0℃~+55℃	
Discharging Temperature Range	-20℃~+55℃	
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	92KG	
Package Weight	115.6KG	
Product Dimension	783X450X274MM	
Package Dimension	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



Built-in Wi-Fi/Bluetooth for Remote Monitoring



Aerosol Fire Extinguishing System



Supports wall-mounted Installation



Wide Inverter Compatibility

