

25.6V

LiFePO4 Battery Pack

FLB Series

Features

- Remote monitoring of battery pack data via built-in WiFi/Bluetooth.
- LiFePO4: Higher safe performance and longer cycle life.
- High-rate charging/discharging delivers fast energy flow and sustained power.
- CCS welding lowers battery internal resistance for enhanced performance.
- Equipped with an aerosol fire extinguishing system.
- Scalable expansion up to 32 pcs in parallel.
- Multiple Protection with built-in smart BMS, breaker and fuse.
- Compatible with leading inverter brands.
- Resist harsh environment with IP65-rate protection.
- Easily replace the battery fuse when it blows.



FLB24100WG1



FLB24205/230WG1



Model	FLB24100WG1	FLB24205WG1	FLB24230WG1
Battery Type	LiFePO4		
Nominal Energy	2.56kWh	5.25kWh	5.85kWh
Nominal Capacity	100Ah	205Ah	230Ah
Nominal Voltage	25.6V		
Operating Voltage	22.4~28.8V		
Recommend Charge/Discharge Current	50A	100A	100A
Max. Continuous Charge/Discharge Current[1]	100A	150A	150A
Peak Charge/Discharge Current(15s)	150A	200A	200A
Scalability	Max. 32 pcs in Parallel(81.92kWh)	Max. 32 pcs in Parallel(168kWh)	Max. 32 pcs in Parallel(188.8kWh)
Depth of Discharge(DOD)	≥95%		
Display Type	LED		
Protection Degree	IP65		
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	≥6,000 Cycles(25°C +2°C, 0.5C/0.5C, 90%DOD, 70%EOL)		
Installation	Wall-Mounted / Floor-Mounted		
Protection	Built-in Smart BMS, Breaker, Fuse		
Warranty Period	10 Years		
Certification	UN38.3		
Product Weight	29.3KG	51KG	53KG
Package Weight	32.9KG	56KG	58KG
Product Dimension	540X375X150MM	540x375x261 mm	540X375X261MM
Package Dimension	642X477X253MM	642x477x340 mm	642X477X340MM

[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



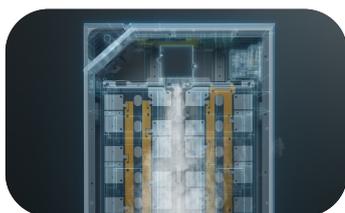
Patented External Fuse Design



Built-in WiFi/Bluetooth for Remote Monitoring



IP65 Protection Level



Aerosol Fire Extinguishing System



Top-mounted BMS for Efficient Cooling



Optional Thermal Module

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