

51.2V

LOW-voltage LiFePO4 Battery

FLA-EU Series

Features



Remote Monitoring
via FSolar APP



Peace of Mind with
Fire Protection Module



16kWh~240kWh
Scalable Capacity



Easy Fuse
Replacement Design



High Compatibility with
Leading Inverter Brands



≥ 8000 Cycle Life



FLA48314-EU



Model	FLA48314-EU	
Battery Type	LiFePO4	
Nominal Energy	16kWh	
Nominal Voltage	51.2V	
Operating Voltage	44.8-57.6V	
Max. Continuous Charge/Discharge Current[1]	160A	
Peak Charge/Discharge Current(15s)	300A	
Max. Charge/Discharge Power(15s)	8,000W	
Scalability	Max. 15 pcs in Parallel(240kWh)	
Depth of Discharge(DOD)	≥95%	
Communication	RS485/CAN	
Protection Degree	IP21	
Cycle Life	≥ 8000 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	Floor-Mounted	
Protection	Built-in smart BMS, Breaker, Fuse	
Warranty Period	10 Years	
Certification	UN38.3	
Product Weight	121.5KG	
Package Weight	143.5KG	
Product Dimension	435X880X247MM	
Package Dimension	960X555X450MM	

[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 WiFi / Bluetooth for Remote Monitoring



Aerosol Fire Extinguishing System



External Battery Fuse Design



≥8000 High Cycle Life



Wide Inverter Compatibility



Support 15 Pcs in Parallel

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Official Website



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