



**felicitysolar®**

*Make life full of hope*

# 51.2V

## LiFePO4 Battery Pack

### FLA Series

#### Features



Remote Monitoring  
via FSolar APP



Adaptable Performance with  
Optional Heating Module



Peace of Mind with  
Fire Protection Module



16kWh~512kWh  
Scalable Capacity



IP65-rate Protection



Easy Fuse  
Replacement Design



**FLA48314-PLUS**

Guangzhou Felicity Solar Technology Co.,Ltd.



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No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China (Only 10 Mins from Baiyun International Airport)



Official Website



Facebook

Model	FLA48314-PLUS
Battery Type	LiFePO4
Nominal Energy	16kWh
Nominal Capacity	314Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Max. Continuous Charge/Discharge Current[1]	160A
Peak Charge/Discharge Current(15s)	300A
Scalability	Max. 32 pcs in Parallel(512kWh)
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	≥8,000 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[2]	7 Years
Certification	UN38.3
Product Weight	121KG
Package Weight	143KG
Product Dimension	450X895X235MM
Package Dimension	958X548X440MM

[1] Max. Continuous Charge/Discharge Current is Affected by Temperature and SOC.

[2] Conditions apply, refer to Felicitysolar Warranty policy.

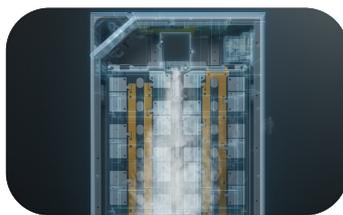
\*Product specifications may vary during continuous improvements. Please contact us for latest details.

\*Refer to Felicitysolar's Warranty Policy for applicable conditions.

## Product Display



Patented External Fuse Design



Aerosol Fire Extinguishing System



IP65 Protection Level



Built-in WiFi/Bluetooth for Remote Monitoring



Scalable expansion up to 32 pcs in parallel

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