felicitysolar®

Make life full of hope



51.2V

LiFePO4 Battery Pack

FLA-EU Series

Features

- LiFePO4: Higher safe performance and longer cycle life.
- Built-in WiFi / Bluetooth for real-time monitoring.
- Enhanced safety with aerosol fire extinguishing system.
- Multiple Protection with built-in smart BMS, breaker and fuse.
- Scalable expansion up to 15 pcs in parallel.
- External battery fuse design for easy replacement.
- Compatible with leading inverter brands.



FLA48314-EU

Guangzhou Felicity Solar Technology Co.,Ltd.

www.felicitysolar.com sales@felicitysolar.com

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

Official Website

Facebook

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

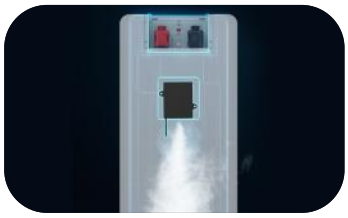
[1] Max. Continuous Charge/Discharge Current is Affected by Temperature and SOC.

*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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