51.2V

LiFePO4 Battery Pack

Low-voltage

15kWh

Features

- 🔋 LiFePO4: higher safe performance and longer cycle life.
- ⚙️ Multiple protection with built-in smart BMS, breaker and fuse.
- ⚙️ Flexible Installation: wall-mounted or floor-mounted.
- 🔄 Compatible with leading inverter brands.
- 📊 Scalable expansion up to 15 pcs in parallel.
- 📶 Built-in WiFi for remote monitor the battery pack data.
- 🧯 Equipped with an aerosol fire extinguishing system.
- 🔧 Easily replace the battery fuse when it blows.

FLA48300

Official Website   Facebook

Model	FLA48300
Battery Type	LiFePO4
Nominal Energy	15kWh
Nominal Capacity	300Ah
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current	120A
Max. Continuous Charge/Discharge Current[1]	150A
Peak Charge/Discharge Current(15s)	200A
Scalability	Max. 15 pcs in Parallel(225kWh)
Depth of Discharge(DOD)	≥95%
Display Type	LCD
Protection Degree	IP21
Working Temperature Range	Charge: 0°C~55 °C
	Discharge: -20°C~55 °C
Storge Temperature Range	0°C~+35°C
Humidity	5%~95%
Altitude	≤2000m
Communication	RS485/CAN
Cycle Life	≥6000 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	7 Years
Certification	UN38.3、CE-EMC、IEC 62619
Product Weight	135KG
Package Weight	160KG
Product Dimension	480X1100X300MM
Package Dimension	1150X635X498MM

[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

Real-time status via LCD Display

Aerosol Fire Extinguishing System

Support 15 Pcs in Parallel

Built-in WiFi/Bluetooth for Remote Monitoring