

LIFEPO4 ENERGY STORAGE BATTERY

14Kwh~80Kwh Stackable & Movable Mounted



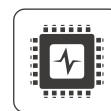
Features



Flexible: Modular design,
easy to expand,
and stackable up to 5pcs.



Safer: Cobalt Free Lithium
Iron Phosphate (LFP) Battery,
safety and long lifespan



Multiple Protection:
Built-in
smart BMS.



Wide Compatibility:
Compatible with
leading inverter
brands.



Designed Life:
12 Years.



Simple and convenient
installation,
more worry-free.

Specification

Parameters					Data Sheet							
Model	LFP51300A				LFP51300B				LFP51300C			
Nominal Voltage	51.2V				51.2V				51.2V			
Nominal Capacity	280Ah				305Ah				314Ah			
Battery Modules	1	2	3	5	1	2	3	5	1	2	3	5
System Nominal Energy	14.33Kwh	28.67Kwh	43.0Kwh	71.68Kwh	15.61Kwh	31.23Kwh	46.84Kwh	78.08Kwh	16.07Kwh	32.15Kwh	48.23Kwh	80.38Kwh
Discharging Cut-off Voltage	44.8V± 0.2V				44.8V± 0.2V				44.8V± 0.2V			
Charging Cut-off Voltage	57.6V± 0.2V				57.6V± 0.2V				57.6V± 0.2V			
Charging Current	Recommend / 40A ; Max. / 100A *				Recommend / 40A ; Max. / 100A *				Recommend / 40A ; Max. / 100A *			
Discharging Current	Recommend / 100A ; Max. / 200A *				Recommend / 100A ; Max. / 200A *				Recommend / 100A ; Max. / 200A *			
Peak Discharging Current	205A(5 sec.) *				205A(5 sec.) *				205A(5 sec.) *			
Nos of Cells	16pcs (Single battery module)				16pcs (Single battery module)				16pcs (Single battery module)			
Weight	≈118±0.5Kg (Single battery module)											
Dimensions(L*W*H)	690*590*258/388mm (Single battery module)											
Cell Type	LiFePO4 Battery											
Terminal	M8											
Case Material	Metal Box											
Communication Mode	RS485/CAN											
Depth of Discharge	95											
Working Temperature	0°C~50°C Charge / -10°C~50°C Discharge											
The Shelf Temperature	-20°C~60°C											
Humidity	5~95%(RH)											
Design Life Cycle	10+Years (25°C/77°F)											
Cycle Life	≥6500 at 25°C											

*The corresponding parameters are for a single battery module. The actual data will change as the number of parallel connections increases. If you have any questions, please feel free to consult us.

