

12V LiFePO4 LITHIUM BATTERY

AN-LFP



»» Features

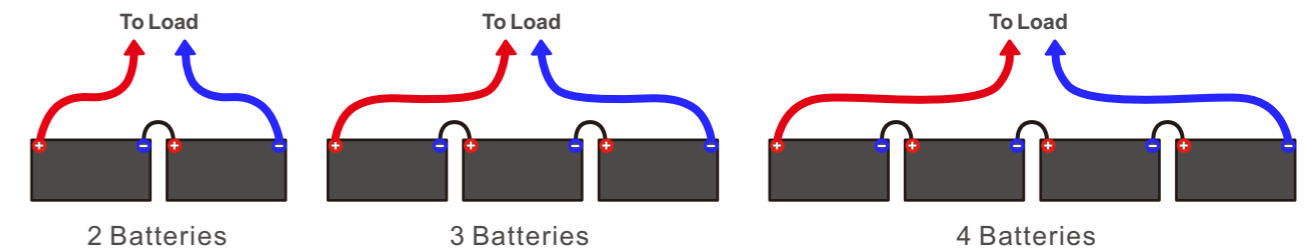
- Longer Cycle Life: Offers up to 20 times longer cycle life and 5 times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.
- Lighter Weight: About 3% of the weight of a comparable lead acid battery. A "drop in" replacement for lead acid batteries.
- Higher Power: Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.
- Wider Temperature Range: -20°C~40°C.
- Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact overcharging or short circuit situation.

MODEL	AN-LFP12100	AN-LFP12200	AN-LFP12314	AN-LFP24100
Battery Type	LiFePO4			
Typical Capacity(AH)	100AH	200AH	314AH	100AH
Typical Voltage(V)	12.8V	12.8V	12.8V	25.6V
Energy storage(Kwh)	1280Wh	2560Wh	4019Wh	2560Wh
Working Temperature(°C)	Charge: 0-+55°C; Discharge: -20-+60°C			
Storage Temperature(°C)	-20-+40°C			
Max. Charge Current(A)	100A	150A	150A	100A
Recommended. Charge Current(A)	50A	100A	150A	50A
Max. Discharge Current(A)	100A	150A	150A	100A
SOC Accuracy	<8%			
Dimension(mm)	340*185*219	522*242*223	522*242*223	522*242*223
Weight(kg)	10	26	25.6	25.6
IP Grade	IP54			
Certifications	CE, ROHS, UN38.3, MSDS			

← SOLAR ENERGY STORAGE

»» SUPPORT TANDEM AND PARALLEL

Battery series



Battery parallel

