

12V LiFePO4 Lithium Battery

AN-LFP



»» Features

- Longer Cycle Life: Offers up to 20 times longer cycle life and five 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 capacit.
- 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-LFP12300	AN-LFP24100
Battery Type	LiFePO4			
Typical Capacity(AH)	100AH	200AH	300AH	100AH
Typical Voltage(V)	12.8V	12.8V	12.8V	25.6V
Energy storage(Kwh)	1280Wh	2560Wh	3840Wh	2560Wh
Working Temperature(°C)	Charge: 0~+55°C; Discharge: -20~+60°C			
Storage Temperature(°C)	-20~+40°C			
Max. Charge Current(A)	100A	200A	200A	100A
Recommended. Charge Current(A)	50A	100A	100A	50A
Max. Discharge Current(A)	100A	200A	200A	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			