

# RACK LIFEPO4 LITHIUM BATTERY (AN-LPB-R)



### Key Features

- Modular design, compact and lighter weight
- One key switch, more convenient for operation
- Suitable for long-term charge and discharge cycles
- Adopt multi-level energy consumption management
- Multiple parallel machines, automatic address acquisition without manual operation
- Support high-current charging and discharging
- Front operation and wiring, convenient for installation and maintenance
- Adopt high-performance processor, international brand devices, high reliability
- Safety certification: CE, ROHS, UN38.3, MSDS, etc

Model	AN-LPB-R-24200	AN-LPB-R-48100	AN-LPB-R-48200
Battery Type	LiFePO4		
Typical Capacity(AH)	200AH	100AH	200AH
Typical Voltage(V)	25.6V	48V	48V
Energy storage(Kwh)	5.12Kwh	4.8Kwh	9.6Kwh
Voltage Working Range(V)	22.4-29.2V	42-54.8V	42-54.8V
Working Temperature(°C)	Charge: 0-+55°C; Discharge: -20-+60°C		
Storage Temperature(°C)	-20-+40°C		
Standard Charge Current(A)	0.5C		
Max. Charge Current(A)	100A	50A	100A
Max. Discharge Current(A)	150A	100A	150A
SOC Accuracy	<8%		
Dimension(mm)	442*500*155	442*500*155	442*680*222
IP Grade	IP54		
Cooling	Nature		
Certifications	CE, ROHS, UN38.3, MSDS		

# 12V LIFEPO4 LITHIUM BATTERY (AN-LFP)



### Key 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 30% 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~60°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-LFP1250	AN-LFP12100	AN-LFP12200	AN-LFP12300
Battery Type	LiFePO4			
Typical Voltage	12.8V			
Typical Capacity	50AH	100AH	200AH	300AH
Voltage Working Range	10-14.6V			
Energy Storage	640WH	1280WH	2560WH	3840WH
Working Temperature(°C)	Charge: 0-+55°C; Discharge: -20-+60°C			
Storage Temperature(°C)	-20-+40°C			
Max. Charge Current	25A	50A	100A	150A
Max. Discharge Current	50A	100A	200A	250A
SOC Accuracy	<8%			
Dimension	257*132*200mm	339*185*218mm	522*240*218mm	522*240*218mm
Weight	5.5kg	10kg	20kg	27kg
IP Grade	IP54			
Certifications	CE, ROHS, UN38.3, MSDS			