

# LIFEPO4 LITHIUM SOLAR BATTERY (AN-LPB-N)



## Key Features

- Long service life over 8 years
- Modular design, small size, and lightweight
- With one key switch machine, the operation is more convenient
- 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 front wiring are convenient for installation and maintenance
- Adopt high-performance processors, international brand devices, high reliability
- Multiple communication interfaces: RS485, RS232, CAN
- Highly compatible BMS, seamless connection with energy storage inverter
- Perfectly compatible with our inverter
- Safety certification: CE, ROHS, UN38.3, MSDS, etc

Model	LPB-N-24100	LPB-N-24200	LPB-N-24300 (Floor type)	LPB-N-48100	LPB-N-48200	LPB-N-48300 (Floor type)
Battery Type	LiFePO4					
Typical Voltage	25.6V	25.6V	25.6V	51.2V	51.2V	51.2V
Typical Capacity	100AH	200AH	300AH	100AH	200AH	300AH
Voltage Working Range	22.4-29.2V	22.4-29.2V	22.4-29.2V	44.8-58.4V	44.8-58.4V	44.8-58.4V
Energy Storage	2.56Kwh	5.12Kwh	7.68Kwh	5.12Kwh	10.24Kwh	15.36Kwh
Impedance	≤30mΩ (Max)					
Charging Mode	CC/CV					
Charging Method	Standard Charging 0.2C(Charging Current :20A); Fast Charging 0.5C(Charging Current :50A)					
Max. Discharge Current(A)	100A	200A	200A	100A	200A	200A
Short Circuit	Recover after removing the short circuit load					
Operating Consumption Current	50mA (Max)					
Operating Temperature	Charge: 0-+55°C; Discharge: -20-+60°C					
Storage Temperature	-20-+40°C					
Cycle Life	6000 cycle@Percentage of recoverable capacity 80%					
Dimensions(mm)	520*370*210	485*475*180	500*390*260	485*475*180	796*485*180	786*390*260
Communication Mode	RS232、CAN、RS485					
Shipped Product Charge	50%-60% battery volume delivery					
Protection & Alarm	Over temperature, overcurrent, short circuit, overcharge, overdischarge, etc.					
Certification	CE, ROHS, UN38.3, MSDS					
Cooling Method	Natural cooling					
IP Grade	IP54					