LIFEPO4 LITHIUM SOLAR BATTERY
(AN-LPB-N)

Key Features

- Long service life over 8 years
- Modular design, small size, and lightweight
- 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 processor, 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	AN-LPB-N-24100	AN-LPB-N-24200	AN-LPB-N-48100	AN-LPB-N-48200
Battery Type	LiFePO4			
Typical Voltage	25.6V	25.6V	51.2V	51.2V
Typical Capacity	100AH	200AH	100AH	200AH
Voltage Working Range	22.4-29.2V	22.4-29.2V	44.8-58.4V	44.8-58.4V
Energy Storage	2.56Kwh	5.12Kwh	5.12Kwh	10.24Kwh
Impedance	≤30mΩ（Max)			
Charging Mode	CC/CV			
Charging Method	Standard Charging 0.2C(Charging Current :20A); Fast Charging 0.5C(Charging Current :50A)			
Rated Discharge Current	≤100A,Maximum discharge current 120A			
Short Circuit	Recover after removing the short circuit load			
Operating Consumption Current	50mA (Max)			
Operating Temperature	Charge: 0-+55℃; Discharge: -20-+60℃			
Storage Temperature	-20-+40℃			
Cycle Life	6000 cycle@Percentage of recoverable capacity 80%			
Dimensions	410*370*160mm	570*410*160mm	570*410*160mm	860*485*160mm
Weight	28kg	45kg	45kg	89kg
Communication Mode	RS232、CAN、RS485			
Shipped Product Charge	50%-60% battery volume delivery			
Protection & Alarm	Over temperature, overcurrent, short circuit, overcharge, overdischarge, etc.			
Cooling Method	Natural cooling			
Certification	CE, ROHS, UN38.3, MSDS			
IP Grade	IP54			