

# Lifepo4 Lithium Solar Battery (AN-LPB-T)



## Key Features

- Long service life over 5 years
- Modular design, small size and light weight
- 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-T-24100	AN-LPB-T-24200	AN-LPB-T-48100	AN-LPB-T-48200	AN-LPB-T-48300
Battery Type	LiFePO4				
Rating Voltage	25.6V	25.6V	48V	48V	48V
Capacity	100AH	200AH	100AH	200AH	300AH
Charge Voltage	29.2V	29.2V	54.75V	54.75V	54.75V
Charge Current	100A	100A	100A	100A	200A
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				≤200A,Maximum discharge current 200A
Over Current	130A	130A	130A	130A	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	3000 cycle@Percentage of recoverable capacity 80%				
Dimensions	410*370*155mm	570*410*165mm	570*410*210mm	620*410*230mm	455*350*810mm
Weight	28kg	45kg	58kg	90kg	120kg
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				