

BA50-20

12V 200Ah LiFePO4 Lithium Battery



Key Features:

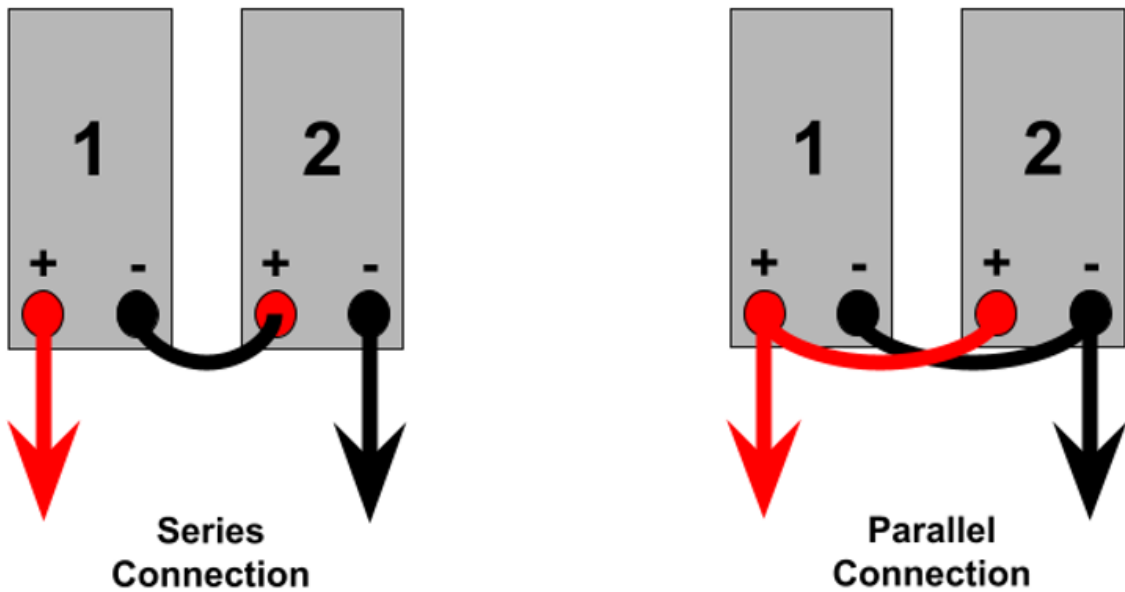
- New Lithium Iron Phosphate cells.
- High Cycle Lifespan: >3000 @ 80%DOD (Depth of Discharge).
- Suitable SLA Replacement – RV & Caravan, Backup Power, Solar Applications, etc.
- Built-in BMS (Battery Management System) for Battery Protection.
- Light Weight – 30% of SLA battery.
- Carry-handles included.

Specifications

Nominal Voltage	12V (12.8V)
Capacity	200AH
Self-Discharge	<3%/month
Max Discharge Current	200A(3s)
Recommended Discharge Current	<100A
Max Charge Current	50A
Recommended Charge Current	20-50A (0.2C)
BMS Cut-off Low Voltage	9.2V
BMS Charge Cut-off High Voltage	14.6V
Dimensions (L*W*H)	521*238*218mm
Weight	20kg
Terminal Type	Screw Stud M6
Enclosure Protection	IP65
Discharge Temperature	-20°C to 60°C
Charge Temperature	0°C to 45°C

Series & Parallel Connection:

Connection Example:



A maximum number of batteries connected:

- In Series: 4
- In Parallel: 8

Note:

- To increase voltage, series connection method is used.
For example: $12V + 12V = 24V$. When connected in series the capacity remains the same.
- To increase capacity, parallel connection method is used.
For example: $200AH + 200AH = 400AH$. When connected in parallel the voltage remains the same.
- Series & Parallel combinations are **NOT Recommended**.

Cautions:

- ⚠ Do not submerge the battery in water.
- ⚠ Do not expose the battery to an open flame or extreme temperatures.
- ⚠ Do not crush or disassemble.
- ⚠ Avoid short circuits.
- ⚠ Store at 50% capacity, recharge every 3 months if not in use.

