

POWERTECH Lithium

LiFePO4 batteries have UP TO 10 times the battery cycle life over Lead-Acid. This is the real secret to them. They are so much more RELIABLE than Lead-Acid. It means that you can install them in the bowels of a cruiser and forget about them. Or upgrade to battery power standby on your Solar Power installation. These are straight forward replacement for most lead acid batteries



WARRANTY

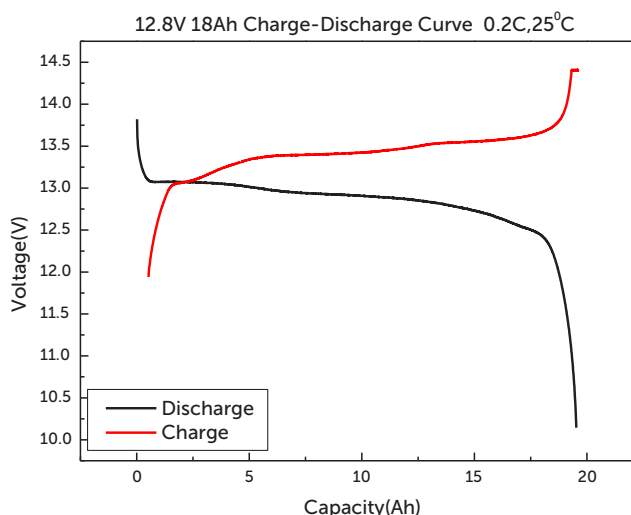
Benefits

- Total cost of lifetime ownership is, in fact, substantially reduced.
- LiFePO4 batteries will deliver TWICE as much current under load as a Lead-Acid equivalent. Importantly, they will also take a far higher charge current so you are back up to full capacity in no time!
- LiFePO4 batteries weight about 1/2 as much as equivalent Lead-Acid installations. This weight saving can improve boat or vehicle performance.
- LiFePO4 batteries do not produce dangerous (explosive) hydrogen gas.
- No external safety relay is needed.

Product Specifications

Product Model	SB2202
Normal Voltage	12.8V
Rated Capacity	18±1Ah (At 0.2C discharge rate)
Battery Energy Capacity	230.4Wh
Internal Resistance	≤85mΩ
Charge Voltage	14.4±0.15V
Standard Cutoff Voltage	about 10.0V
Charge Current	≤10A
Discharge Current	18A
Max Continuous Current	≤54A (5 sec)
Passive Protection Function	Over charge protection, Over discharge protection, Temperature protection, Balanced function
Battery Terminal	M5
Weight	2.6±0.1kg
Size	181±1(W) x 77±1(D) x 168±2(H)mm

Characteristics Curve



Caution

- Do not short terminals or reverse polarity
- Do not disassemble or modify battery
- Keep battery out of reach of children
- Do not expose to temperatures over 60°C
- Not suitable for vehicle starting applications

Charge battery every 6 months or when voltage drops below 12.8V.

