

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

Benefits

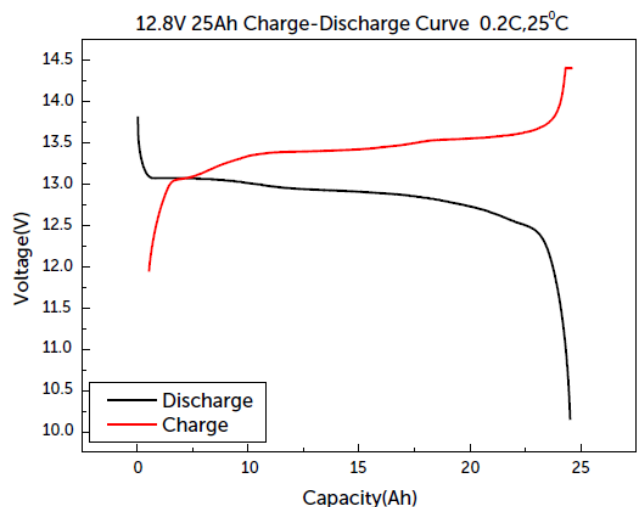
- While they are initially more expensive than Lead Acid, the total cost of lifetime ownership is, in fact, substantially reduced because they last so much longer.
- LiFePO4 batteries weight about half as much as equivalent Lead-Acid installations. This weight saving can improve boat or vehicle performance.
- LiFePO4 batteries do not produce dangerous (explosive) hydrogen gas.
- No external safety relay is needed.

Product Specifications

Product Model	SB2213
Normal Voltage	12.8V
Rated Capacity	25±1Ah (At 0.2C discharge rate)
Battery Energy Capacity	320Wh
Internal Resistance	≤220mΩ
Charge Voltage	14.6V
Standard Cuto Voltage	9.2V
Recommended Charge Current	≤10A
Discharge Current	25A
Peak Discharge Current	≤50A (5 sec)
Internal Protection Function (BMS)	Over charge protection, Over discharge protection, Temperature protection, Balance function
Battery Terminal	M5
Weight	3.5±0.1kg
Size	174(L) x 165(W) x 125(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.



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