

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 Deep Cycle lead acid batteries

Benefits

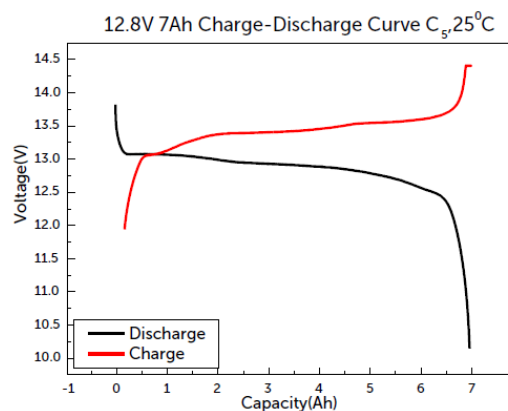
- Total cost of lifetime ownership is, in fact, substantially reduced compared to equivalent Lead Acid.
- LiFePO4 batteries typically weigh less than half that of equivalent Lead-Acid installations. This weight saving can improve boat or vehicle performance.
- LiFePO4 batteries do not produce dangerous (explosive) hydrogen gas.
- No external safety relay is needed.
- On-board over-charge and over-discharge protection

Product Specifications

Product Model	SB2210
Normal Voltage	12.8V
Rated Capacity	7±0.5Ah(C ₅)
Battery Energy Capacity	84Wh
Internal Resistance	≤220mΩ
Charge Voltage	14.6V
Standard Cuto Voltage	9.2V
Recommended Charge Current	≤3A
Discharge Current	7A
Peak Discharge Current	≤15A (5 sec)
Passive Protection Function	Over charge protection, Over discharge protection, Temperature protection, Balanced function
Battery Terminal	T1
Weight	0.81kg
Size	151(L) × 65(W) × 95(H) mm



Characteristic Curves



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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