

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

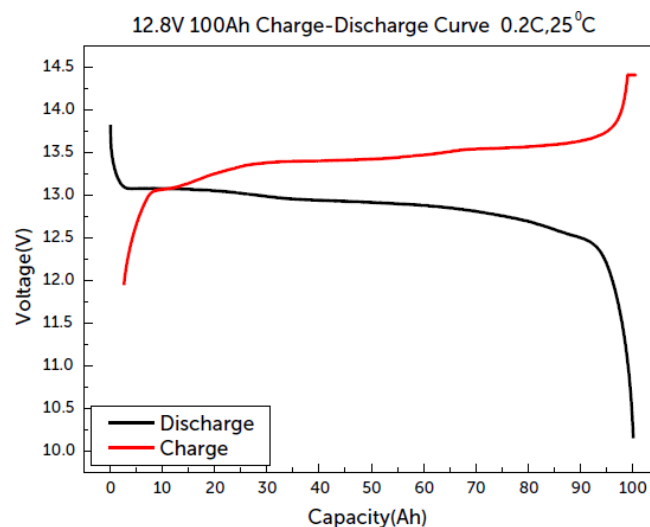
- Total cost of lifetime ownership is, in fact, substantially reduced.
- LiFePO4 batteries weight around half as much as equivalent Lead-Acid installations. This weight saving can improve boat or vehicle performance.
- LiFePO4 batteries do not produce dangerous (explosive) hydrogen gas.
- No external safety relay is needed.
- Self-discharge is typically less than 10% per year (depending on climate)

Product Specifications

Product Model	SB2215
Normal Voltage	12.8V
Rated Capacity	100±3Ah (At 0.2C discharge rate)
Battery Energy Capacity	1280Wh
Internal Resistance	≤220mΩ
Charge Voltage	14.6V
Standard Cuto Voltage	9.2V
Recommended Charge Current	≤40A
Continuous Discharge Current	100A
Peak Discharge Current	≤150A (5 sec)
Passive Protection Function	Over charge protection, Over discharge protection, Temperature protection, Cell Balance function
Battery Terminal	M8
Weight	11±0.3kg
Size	330(L) x 173(W) x 216(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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