

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

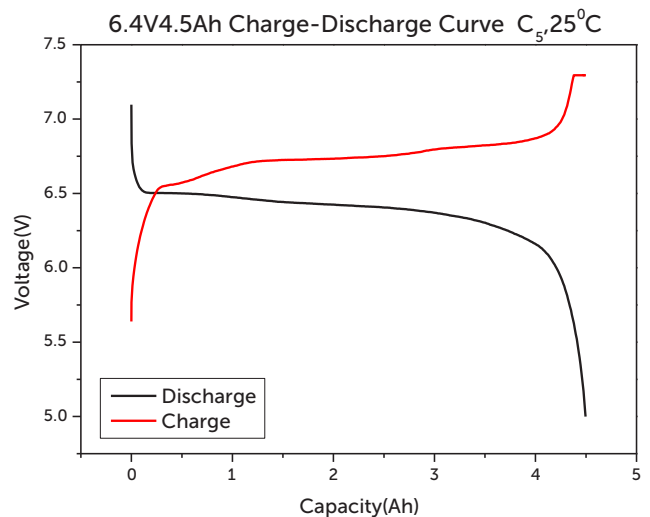
- Total cost of lifetime ownership is, in fact, substantially reduced.
- LiFePO4 batteries will deliver TWICE as much current under load as a Lead-Acid equivalent. Importantly, they will also take a far higher charge current so you are back up to full capacity in no time!
- LiFePO4 batteries weight about 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

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| Product Model | SB2200 |
| Normal Voltage | 6.4V |
| Rated Capacity | 4.5±0.2Ah(C ₅) |
| Battery Energy Capacity | 28.8Wh |
| Internal Resistance | ≤55mΩ |
| Charge Voltage | 7.2±0.1V |
| Standard Cutoff Voltage | about 5.0V |
| Charge Current | ≤2.25A |
| Discharge Current | 4.5A |
| Max Continuous Current | ≤9A (≤5 sec) |
| Passive Protection Function | Over charge protection, Over discharge protection, Temperature protection |
| Battery Terminal | T1 |
| Weight | 360±30g |
| Size | 70±1(W) x 47±1(D) x 101±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 6.4V.

