

# 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.

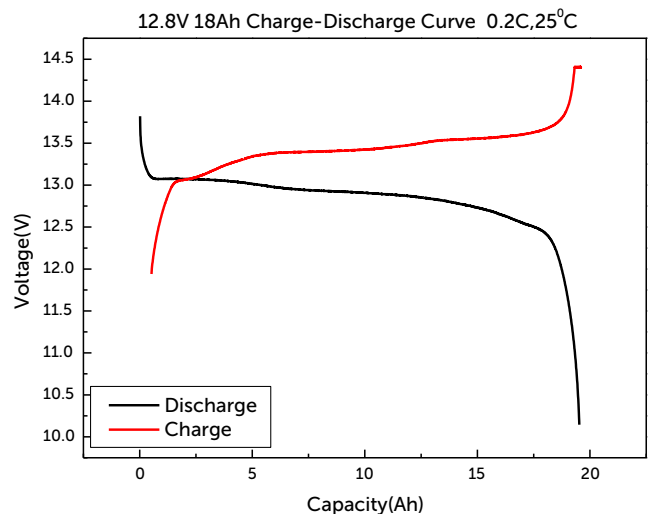
## Product Specifications

<b>Product Model</b>	SB2212
<b>Normal Voltage</b>	12.8V
<b>Rated Capacity</b>	18±1Ah (At 0.2C discharge rate)
<b>Battery Energy Capacity</b>	230.4Wh
<b>Internal Resistance</b>	≤220mΩ
<b>Charge Voltage</b>	14.6V
<b>Standard Cutoff Voltage</b>	9.2V
<b>Recommended Charge Current</b>	≤18A
<b>Discharge Current</b>	18A
<b>Peak Discharge Current</b>	≤30A (5 sec)
<b>Passive Protection Function</b>	Over charge protection, Over discharge protection, Temperature protection, Balanced function
<b>Battery Terminal</b>	M5
<b>Weight</b>	2.5±0.1kg
<b>Size</b>	181(L) x 77(W) x 175(H)mm



WARRANTY

## 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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DISTRIBUTION

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