

# 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

- Longer operational life means total cost of lifetime ownership is, in fact, substantially reduced.
- LiFePO4 batteries are less than half the weight 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
- LiFePO4 self-discharge rate is much lower than lead-acid.

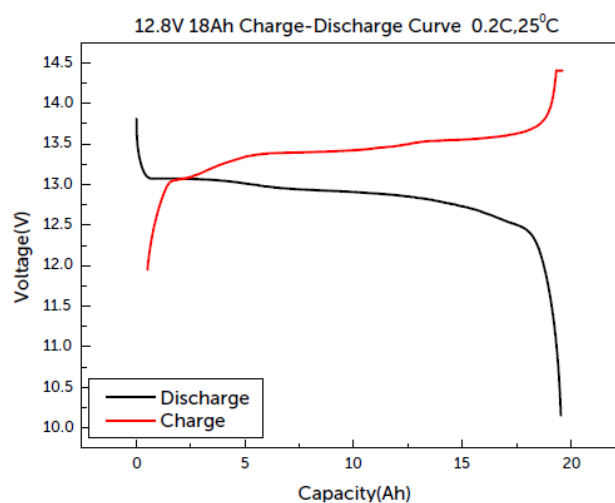
## Product Specifications

Product Model	SB2212
Normal Voltage	12.8V
Rated Capacity	18±1Ah (At 0.2C discharge rate)
Battery Energy Capacity	230.4Wh
Internal Resistance	≤80 milliohms
Charge Voltage	14.6V
Standard Cutoff Voltage	9.2V
Recommended Charge Current	≤8A
Discharge Current	18A
Peak Discharge Current	≤30A (5 sec)
Passive Protection Function	Over charge protection, Over discharge protection, Temperature protection, Cell balance function
Battery Terminal	M5
Weight	2.5±0.1kg
Size	181(L) x 77(W) x 175(H)mm



## Characteristics Curve

WARRANTY



### 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.



**ELECTUS**  
DISTRIBUTION

### Australia

1300 738 555  
sales@electusdistribution.com.au  
www.electusdistribution.com.au

### New Zealand

0800 235 328  
sales@electusdistribution.co.nz  
www.electusdistribution.co.nz