

SOLARKING

CB-100-12-100 Lithium Battery

Specifications

Size: 334x175x219mm

Weight: 13.7kgs

Type: LiFePO4

Operating Temp Range: -20°C ~ +60°

Voltage: 12.8VDC

Amperage: 100AH

Max Discharge Rate: 100AH

Continuous Current: 100A (1C)

3 Second Pulse: 150A

Min Charge Current: 2A

Nominal Charge Current: 30A Max

Charge Current: 100A

Max Charge Voltage: 14.8V

Max In Series Voltage: 29.6V

Min Voltage Cut Off: 10.0V

Min: 2000+ Cycles

BMS Re-connect: Automatic

Cell Balancing: Active 3A

Configuration: Series or Parallel

Terminal: M8

Warranty: 3 Years



SolarKing lithium Iron phosphate batteries are perfect drop in replacements for existing lead acid or AGM gel batteries. You can still use your existing charging system as the built in battery management system (BMS) controls the minimum and maximum charge rates.

Lithium batteries are up to 4 times the life of lead acid batteries as the cycle life is much longer. LiFePo4 batteries have a much greater depth of discharge (DOD) as compared to lead acid batteries meaning that you can actually use very close to 100% of the batteries rated capacity. This makes LiFePo4 batteries the equivalent to more than 2x similar rated lead acid batteries.

This model lithium battery also has internal active cell balancing (ACB). Active cell balancing can divert up to 3amps into battery cells that have become low to bring them back into balance with the other cells quickly. Most lithium batteries only use balancing that is rated in milliamps, very low. ACB keeps the battery performing at it's rated capacity.

Perfect for use in caravans, marine, camping and home storage applications.



Specifications Are Subject to Change Without Notice