

# Battle Born Battery Line

The highest quality and safest lithium ion technology at the fairest price on the market.



**BB10012**

## DETAILS

- 100 Amp Hour, 12 Volt Battery
- LiFePO<sub>4</sub> Chemistry
- 3000 - 5000 Cycles\*

## SPECIFICATIONS

- Charging Voltage Range: 14.2 to 14.6V
- Recommended Float Voltage: 13.6 or Lower
- Operating Temp Range: -4 to 140°F
- Dimensions (L x W x H): 12.75 x 6.875 x 9
- 30 lbs

## BUILT-IN BATTERY MANAGEMENT SYSTEM

- 100 Amps Continuous
- 200 Amps Surge for 30 Seconds
- ½ Second Surge for Larger Loads



**BBGC2**

## DETAILS

- 100 Amp Hour, 12 Volt Battery
- LiFePO<sub>4</sub> Chemistry
- 3000 - 5000 Cycles\*

## SPECIFICATIONS

- Charging Voltage Range: 14.2 to 14.6V
- Recommended Float Voltage: 13.6 or lower
- Operating Temp Range: -4 to 140°F
- Dimensions (L x W x H): 10.32 x 6.86 x 11
- 30 lbs

## BUILT-IN BATTERY MANAGEMENT SYSTEM

- 100 Amps Continuous
- 200 Amps Surge for 30 Seconds
- ½ Second Surge for Larger Loads



**BB5012**

## DETAILS

- 50 Amp Hour, 12 Volt Battery
- LiFePO<sub>4</sub> Chemistry
- 3000 - 5000 Cycles\*

## SPECIFICATIONS

- Charging Voltage Range: 14.2 to 14.6V
- Recommended Float Voltage: 13.6 or lower
- Operating Temp Range: -4 to 140°F
- Dimensions (L x W x H): 7.375 x 7.125 x 9
- 17 lbs

## BUILT-IN BATTERY MANAGEMENT SYSTEM

- 60 Amps Continuous
- 100 Amps Surge for 30 Seconds
- ½ Second Surge for Larger Loads



**BB5024**

## DETAILS

- 50 Amp Hour, 24 Volt Battery
- LiFePO<sub>4</sub> Chemistry
- 3000 - 5000 Cycles\*

## SPECIFICATIONS

- Charging Voltage Range: 28.4 to 29.2V
- Recommended Float Voltage: 27.2 or lower
- Operating Temp Range: -4 to 140°F
- Dimensions (L x W x H): 12.75 x 6.875 x 9
- 30 lbs

## BUILT-IN BATTERY MANAGEMENT SYSTEM

- 60 Amps Continuous
- 100 Amps Surge for 30 Seconds
- ½ Second Surge for Larger Loads

All of our cells are listed to UL 2054 standards. BB10012 batteries listed to UL2054 standards, IEC 62133 and UN38.3

\*Cycle life varies widely depending on rate of charge, after 3000 cycles you will have approximately 75% battery capacity remaining if charging and discharging at a 1C rate. Most applications are less 0.5C rate which means you will get more cycles in most applications.

## COMPATIBILITY

At Battle Born Batteries we do a ton of inhouse testing with popular inverter chargers, converters and solar charge controllers. This is to ensure that your existing system components work with your new batteries. This testing includes many models from Magnum, Xantrex, Victron, AIMS, Samlex, Progressive Dynamics, WFCO, Morningstar and Zamp Solar. If you have a compatibility question about a particular component, converter, solar controller or inverter charger give us a call we will be happy help you.

## BMS (BATTERY MANAGEMENT SYSTEM)

Every Battle Born battery has a built-in BMS. Our BMS is tested 3 times for quality before the battery is sealed. This battery management system keeps you and your battery safe and ensures that your Battle Born battery will last many years. We use an actual battery management system with programmable logic, not just a voltage driven control board. The protections in your BMS include high and low voltage protection, short circuit protection, high and low temperature protection, low temperature charging protection and automatic cell balancing. Our BMS will reset automatically after 5 seconds in a fault condition.

## WARRANTY

Your Battle Born Battery is backed by an industry leading 10-year warranty. Our batteries are assembled in Reno, NV, making it easier for you in the event of a warranty issue to get the help you need quickly

Order at [battlebornbatteries.com](http://battlebornbatteries.com) or call toll-free 855-292-2831



# Eliminating Battery Anxiety with This Game Changing Battery Technology

## Lithium Upgrade and Install Tips

- Consult with your battery supplier or dealer to confirm compatibility with your system components, including converters, solar charge controllers and inverter chargers.
- Only purchase lithium batteries that have a Battery Management System built in.
- Choose a supplier that only sources cells from UL manufacturing sources.
- Confirm that your new battery bank can handle the loads of your RV before buying it.
- Keep your lead acid starting battery in your motorized RV.
- Properly recycle your old lead acid batteries.

## FAQs

### ***Where are your batteries made?***

All of our batteries are designed and assembled in Reno, NV, USA.

### ***Will this battery fit in the same spot as my current battery?***

Yes. We have multiple sizes that will drop right into most systems.

### ***Are your batteries safe?***

Yes. All of our batteries have a built-in battery management system to protect against fault conditions. We also only use LiFePO<sub>4</sub> cells, which are the safest and most stable types of lithium cells.

## Benefits

- At least double the power in the same physical space of lead acid.
- Can be discharged 100% vs lead acid recommended 50% depth of discharge.
- Can be installed indoors with no hydrogen gases generated, also no terminal corrosion.
- About 1/5 the weight of a lead acid battery, resulting in a significant weight reduction over your current battery bank.
- Output voltage is flat during most of the discharge cycle, increasing efficiency of your system.
- Can be charged up to 5 times faster than lead acid.
- Last 10 times longer than lead acid.
- Holds a charge for up to 1 year (without a load) without the need for a trickle charger.  
Great for unattended storage.

**Get out there, stay out there.  
Order your Battle Born Battery today!**

Order at [battlebornbatteries.com](http://battlebornbatteries.com) or call toll-free 855-292-2831

