

# 48V LAMA



## PARAMETERS

*Note: Bulk, Absorption, Float, and Equalize are not applicable to lithium batteries but are included here with the correct numbers to input into your charge controller as they are our most commonly requested parameters.*

**Charge Voltage:** 51V

**Bulk Voltage:** 51V (Not Applicable to Lithium Batteries)

**Absorption Voltage:** 51V (Not Applicable to Lithium Batteries)

**Absorption Time:** 0 Minutes (Not Applicable to Lithium Batteries)

**Float Voltage:** 51V (Not Applicable to Lithium Batteries)

**Equalize:** Off (Not Applicable to Lithium Batteries)

**Low Voltage Cutoff:** 40V (43V for Increased Cycle Life)

**High Voltage Cutoff:** 51V



## FREQUENTLY ASKED QUESTIONS

### How do I connect this battery into my existing system?

Our product uses an Anderson SB175 connection. All you need to connect to our battery is an Anderson SB175 adapter (which we sell on our website) connected with 8, 6, 4, 2, or 0 gauge wire going to your system.

### How many times can I put this battery in parallel / series?

This battery can be connected in parallel up to eight times to increase capacity but is not recommended to be connected in series to get above 48V as the included BMS is only rated to work at 48V.

### What is the ideal temperature range for this battery?

This battery's recommended discharge temperature range is between -30°C and 65°C, with an optimal range of 15°C to 35°C in order to not put extra strain on the battery. The safe charging temperature range is between 0°C and 65°C. Finally, this battery can be stored for up to six months between -30°C and 55°C but it is always recommended to keep your battery above 0°C.

### Can I connect into this battery's BMS to get extra info?

Our BMS is just there to keep your battery safe and healthy, it does not have the ability to network with any charge controllers or inverters for extra read-outs.

### What is the warranty on this battery?

We offer a comprehensive 10 year warranty on all of our batteries. You can read more about our warranty at [BigBattery.Com/Policies](https://BigBattery.Com/Policies)



## CONTACT US

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## BATTERY SPECS

### Chemistry:

Lithium Iron Phosphate

### Voltage:

48V

### kWh:

5.3 kWh

### Amp Hours:

115 AH

## BMS SPECS

### Max Continuous Discharge:

175A

### Max Continuous Power:

7800W

### Max Peak Discharge:

260A (Over 6 Seconds)

### Suggested Charge Voltage:

51V

### Max Charge Current:

100A

### Suggested Charge Current:

50A

## BATTERY SIZE

### Weight:

125 lbs

### Length:

19 in

### Width:

11.5 in

### Height:

36 in