

48V EAGL Kit



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: 58V

Bulk Voltage: 58V (Not Applicable to Lithium Batteries)

Absorption Voltage: 58V (Not Applicable to Lithium Batteries)

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

Float Voltage: 58V (Not Applicable to Lithium Batteries)

Equalize: Off (Not Applicable to Lithium Batteries)

Low Voltage Cutoff: 43V (52V for Increased Cycle Life at 80% DoD)

High Voltage Cutoff: 58V



FREQUENTLY ASKED QUESTIONS

How do I connect this battery into my existing system?

Our product uses an Anderson SB50 connection. All you need to connect to our battery is an Anderson SB50 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 kit is not series capable but can be connected in parallel up to four times. Make sure that the total amount of these batteries in your configuration never exceeds eight total batteries.

What is the ideal temperature range for this battery?

This battery's recommended discharge temperature range is between -35°C (-31°F) and 65°C (149°F), with an optimal range of 15°C (59°F) to 35°C (95°F). Despite the BMS low temperature disconnect for charging this battery being -20°C (-4°F) we still recommend to charge between 0°C (32°F) and 35°C (95°F). Finally, this battery can be stored safely for up to six months between -20°C (-4°F) and 50°C (122°F).

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



CONTACT US

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BATTERY SPECS

Chemistry:

Lithium Iron Phosphate

Voltage:

48V

kWh:

3.06 kWh

Amp Hours:

60 Ah

BMS SPECS

Max Continuous Discharge:

175A

Max Continuous Power:

7000W

Max Peak Discharge:

252A (Over 6 Seconds)

Max Charge Voltage:

58V

Max Charge Current:

60A

Suggested Charge Current:

30A

BATTERY SIZE

Weight (both units):

80 lbs

Length:

10.25 in

Width:

7.1 in

Height:

9.25 in